

Miracle of Love 1

Most people are familiar with the expression '*The miracle of Life*' and it is certainly true that the existence of life on our planet is indeed a miracle. But when one has a closer look it becomes clear that behind life stands Love

Only when we look at life from the viewpoint of Love will we be able to understand its secrets and come to appreciate it to the fullest extent and be able to make the best out of it by leading a life that is filled with Love

The ability to love is something that we learn and develop during the different stages in life. It is an art that we perfect over the years if we are ready to invest into loving others

In the first stage of our life we receive unconditional Love from our parents. Especially a mother who has given birth to a child, what is often done at the risk of her life as she sacrifices herself completely in order to secure a wonderful beginning in this world for her baby

Worldwide around 365.000 babies are conceived every day. Creating a new human being is no simple feat but represents a miracle of life. Day by day around 1000 children see the light of day for the first time

We all know that new life is created in the mother's womb through the fertilization of an ovule through a male sperm, whereby it takes 10 weeks for sperm to develop. The average man is producing around 1000 new sperm every second, about 100 million new sperm every day and more than two trillion in a lifetime, each one of them different from the other

Each and every sperm is one of a kind, carrying a unique genetic package. How is this possible? How can one person produce so many different combinations of genes? The answer lies in the very special way we make sperms and eggs. A process called meiosis

A woman's body takes a somewhat different approach in the quest to pass on her genes. Instead of quantity, a woman's reproductive mechanism is focused on quality. At birth a woman's body contains 4 million different egg cells which will be reduced to some 400.000

Out of these only one will ripen once a month during her fertile period, around 400 during her lifetime

The egg cell is pushed out of the ovary with a huge entourage of hormone producing cells, a very quiet drama which is still sensed by many women. They know exactly when the ovulation takes place. And from the time of ovulation the egg must be fertilized within 24 hours or it will die

Nearest to the egg are thousands of nutritious cells, providing nourishment for the egg cell for the next few days of its life on her journey through the fallopian tube. Everything is perfectly arranged in order to guarantee the best possible outcome of its 4 days of travelling to possibly meet a sperm and to create together new life

In almost every cell of our body we have more than 30.000 genes spread out on very long strands of DNA called chromosomes. Most cells have two versions of genes, with a total number of 46 chromosomes, exactly half of those, 23 from the mother and the other 23 from the father

They come in pairs where the partners are very similar but not quite the same. The only time they get together is during meiosis. Inside the testicles that is making sperms, first each chromosome makes an exact copy of itself, keeping it attached at one point; they condense, creating an x shape

Then the two chromosome partners get together, actually four, and embrace. They cling so closely together that big chunks of genes get exchanged between the partners. In this behaviour the basic principle of uniting

in order to exchange contents and information is manifested, which culminates in the conjugal Love that a husband and a wife share with one another

The cell then divides twice, each time pulling the pairs apart. The final result is a sperm or an egg cell with 23 chromosomes, half the normal number. By itself the cell is incomplete but it still holds incredible promise because every chromosome carries a combination of genes that has never existed before

All this gene shuffling means that within one species there can be an enormous diversity, which means most of all an incredible potential to share Love, to become unique manifestations of True Love

When we have a closer look at the sperm cells we can see that they carry the most precious cargo of chromosomes which contain all the information for the building of the human body and all its functions in a well-protected and secure manner, ensuring that the wonderful content reaches its destination securely

Each sperm cell has a very powerful engine which moves the end of the sperm like a propeller to move swiftly. Since there is an engine it will need fuel to make it work. This need has been thought of and the most productive fuel for the engine, fructose has been placed in the liquid surrounding the sperm. In this way the fuel for the engine is provided throughout the length of the journey

Thanks to this perfect design the sperms head rapidly straight to the egg cell, with each centimetre requiring 1000 strokes of the tail. When the length of the sperm and the distance travelled are considered it emerges that this is relatively as fast as a speed boat

The production of these miraculous engines is carried out in a most expert manner in microscopic tubes in a total length of up to 800 meters and it works just like the conveyer belt system inside a modern factory. The acrosome, an organelle that develops over the anterior half of the head in the sperm cells, the engine and tail parts are assembled unto one another in turns. What emerges as a result is a real wonder of engineering

We have to think a little in the face of this reality. How do these unconscious cells know how to prepare the sperms in the appropriate forms despite the fact that they know nothing about the mother's body? How have they learned to make the acrosome, engine and tail that the sperm will need in the mother's womb?

With what intelligence do they assemble these bodies in the correct order? How do they know that the sperm will need fructose? How have they learned to build an engine that runs on fructose? There is but one answer to all of these questions. The sperm and the seminal fluid that they are placed in was specifically designed by our Creator for the continuation of the human race

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Let us consider the following fact: Sperms are made in the father's body but their functions take place in the mother's womb. And ever since the world began, in other words, in the history of mankind, no sperm has had the possibility of returning into the father's body after performing his task in the mother's body in order to tell the cells about what it did, what difficulties it faced, or what its task was

Considering this reality, how is it that the sperm cell has the very kind of structure among the thousands of variety of cells that exist in the body which is perfectly fit to fulfill its task outside of the male human being? How does the sperm cell know that it will carry the genetic load from the father's body that will later give life to a new human being, a complicated task which needs special requirements on the side of the sperm?

Alone from this simple reasoning it is absolutely clear that behind what we see and experience in this world stands the existence of a Creator who has prepared a wonderful design with all the necessary details in order to secure the development of life on our planet

In the process of human fertilization, upon encountering the ovum, the acrosome of the sperm produces enzymes which allow it to burrow through the outer jelly coat of the egg. The sperm plasma then fuses with the egg's plasma membrane; the sperm head disconnects from its flagellum and enters the egg where its precious information is welcomed

When we consider all the processes that are going on in connection with the human fertilization it is impossible for the cell structures involved and all the tasks they perform to be a coincidence. The fusion of the male sperm with the female egg is in itself the clearest proof for the existence of a Creator God as it is impossible that this complicated process could have developed through evolution

When we compare this number with the fact that in average men become the father of two to three children and only one male sperm is needed to create life, we may ask why a trillion times more sperm is produced than is actually needed. There is no reasonable answer to this and countless other questions possible from the viewpoint of an evolutionist thinking but only on the basis of understanding that Love is at the very root of creation

Some 300 million sperms are sent to the mother's body. The number is deliberately kept high because as soon as the sperm enters the womb they find themselves facing lethal dangers. There is a dense mixture of acids in the mother's reproductive organs designed to combat bacteria. This acid mixture is also fatal to sperms with most of them dying within a few hours

This acid compound, which is most important for the mother's health, is so powerful that it can easily destroy all the sperms that enter the womb. In that event, fertilization could not take place and the human race would come to an end. But God, who created the sperms, created also precautions against the dangers they will face in the mother's womb. While sperms are produced in the man's body a special compound is added to protect the sperms

The sperm must pass through the cervix, the gateway to the uterus. Most of the time the cervix remains tightly closed with mucus, impossible for bacteria and sperm to penetrate. Only for a couple of days each month this mucus will thin and form tiny channels for the sperm to pass through at the time when the woman ovulates

The sperm swim through the cervical mucus which is thinned to a more watery consistency for easier passage. Once inside the cervix the sperm continues swimming toward the uterus, while some sperm remain behind, caught in the folds of the cervix but they may later continue the journey as a backup to the first group. Inside the uterus muscular uterus contraction assist the sperm on their journey towards the egg

Inside the fallopian tube tiny hair push the egg towards the uterus. To continue the journey the sperm must surge against this motion to reach the egg. During this part of the journey, chemicals in the reproductive tract cause the membrane covering the heads of the sperm to change. As a result the sperm become hyper active, swimming harder and faster toward their destination

The sperms all travel together in the same direction. But how do they know the right direction? How do they know where the egg no larger than the speck of dust is? The sperms find the way to the egg because another perfectly created biological system comes into action. The egg gives off a chemical signal to attract the sperms which are about 15 centimetres away from it. The sperms head straight to the egg thanks to this signal

The egg cell which knows nothing about the sperms because it has never come into contact before calls them to it. Two cells, perfect strangers to one another, engage in communication. This reality is another proof that egg and sperm are created in the most ideal form for each other

Only a few dozen sperms manage to reach the egg which has a hard protective layer that kills off any unwanted organism which approaches. This means that only about 0.000003 % of the sperm that enter the womb reach its destination. In this way it is secured that only the healthy sperm reach the egg and that the final process before fertilization is not disturbed through an overwhelming number of sperm trying to enter the egg

Imagine, if you were entrusted with the task to prepare a system where out of hundreds of millions of fish that have to swim a distance of about 15 kilometre (the equivalent a sperm has to travel relative to its length) under very difficult circumstances so that just a few dozen remain. How do you make sure that not too many arrive at the destination, putting in this case fertilization in danger or none at all as the challenge is too big?

In other words, it is a very delicate process like so many others in the human body which could hardly be achieved by human beings even with our highly developed technology while in the human body this process functions very naturally and perfectly tuned in order to secure the procreation of life

After their long journey which requires some 20.000 strokes by their tails, a couple of dozen sperm arrive at the female egg, which has protective layers extremely difficult to penetrate. Luckily the ovum recognizes the sperm which allows them to enter the corona like surface of the egg which is 85.000 times larger than the sperms

This is the moment the egg has been waiting for. Suddenly, it is now activated, but unlike the sperm, it isn't quite ready for conception. This will first occur when the sperm has reached its ultimate destination inside of the ovum where its precious genes will be set free to unite with the female chromosomes

The protons of the egg unite with the protons of the sperm because they recognize each other. How is this possible? Man and women grow up separately from each other and so it is impossible for the ovum to know what the sperm consists of, whom it is destined to unite with in order to bring forth new life

The egg can only recognize who is bringing the precious contents that completes its 23 chromosomes to the needed 46 because the Creator of life has set up this plan and provided all the details which are necessary in order to bring about the miracle of Love

To deny a Loving Creator behind the miracle of life means to deny the most obvious, to reject the answers which are all there, in favour of remaining in ignorance. Unfortunately, this is what atheists are doing, for whatever emotional reason they may have for such a behaviour

They ignore the reasonable in order to cling to their belief that they can find out answers without acknowledging the existence of a Creator, what they have failed to do until today and what will not happen in the future as it is impossible to explain the miracle of Love without a ultimate cause for the existence of True Love

Science is about exploring and the only way to discover the universe is to go and look
We may achieve temperatures that are a billionth of the temperatures in the sun with the help of the collider we can do this 40 million times per second for hours at length

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When we have a closer look at the way fertilization takes place in the human body we can see that special instruments are provided for the sperm to overcome the obstacles it faces when trying to enter the egg. After the sperm moved through the plasma the first layer around the sperm's head falls off, enabling the second set of enzymes to emerge which is needed in order to move through the egg that is covered with the corona radiator

The sperm must push through this layer in order to reach the zona pellucida by adhering to proteins on its plasma membrane. When this happens, the acrosome, an organelle on the tip of the sperm's head, opens and releases enzymes and antigens enabling it to break through the tough plasma membrane of the ovum, the largest human cell

Inside the zona pellucida is a narrow fluid filled space just outside the egg cell membrane. The first sperm to make contact will fertilize the egg. Within a few minutes the outer membranes fuse and the egg pulls the sperm inside. This event causes changes in the egg membrane that prevent other sperm from attaching to it

Next the ovum pushes other sperm away by creating an impenetrable fertilization membrane, making it impossible for other sperm to enter. This is crucial because fertilization could not take place properly if more than one sperm entered the egg

Right before the sperm enters the egg the tail which has brought the sperm over a very large distance 'suddenly' falls off what is crucial because it would destroy the egg if it entered as it is constantly moving. How can the tiny sperm make such a fine calculation to discard of its tail at the very right moment?

In order for the sperm to make this calculation it has to know that it has come to the end of its journey and therefore has no further need for its tail. But the sperm is an unconscious biological 'entity' which has no intelligence and is not able to perceive its surroundings. God created the sperm together with a system that enables the tail to fall off just at the right moment in line with a perfectly designed plan

Finally the enzymes around the head of the male sperm separate from it so that the chromosomes are set free to unite with the chromosomes of the female egg. As a result of the harmonious functioning of hundreds of different and independent systems genetic data regarding man's body reaches the egg cell

Inside each chromosome are clusters of genes, containing half of the father's DNA whose long strings appear like this, enlarged a few hundred thousand times

The tightly packed genes spread out. A new membrane forms around the genetic material, creating the male pro-nucleus. Inside the genetic material forms into 23 chromosomes. The female genetic material awakened by the fusion of the sperm with the egg finishes dividing, resulting in the female pro-nucleus which also contains 23 chromosomes, the other half of the DNA necessary to create and sustain the life of a human being

As the male and female pro-nuclei form, special threads pull them towards each other. In this way the two sets of chromosomes join together, completing the delicate process of fertilization. The genes of the father and of the mother close in on each other step by step

At that moment a unique genetic code arises instantly determining gender, eye colour and hundreds of other characteristics of the new human being

After the fertilization the chromosomes create identical copies of themselves and form cells which divide further. Each one of these stem cells could become a human being as they have not specialized yet

Even though the cells inside the egg divide further and further the egg does not grow. Instead the cells divide into smaller and smaller units. The fertilized egg consists of hundreds of cells in the process of organizing themselves in order to form a new individual

About four days after conception the egg completes the journey through the fallopian tube and reaches the uterus. It absorbs fluid and the cells separate inside the shell. Some of the cells form a thin outer wall while others form a small cell nest which will become a child. The cells of the outer body will turn into the placenta

The embryo now consists of a thousand cells, consuming vast amounts of energy. The space and the energy inside the hard shell of the cell is running out. Before it can grow further, the embryo must find a new source of nourishment, it must get out of its shell

The process of the cells leaving the egg is called hatching. To accomplish this first birth of a developing human being 24 hours are necessary. The next birth will take place 9 months later

The third and ultimate birth of a human being will come more or less another 9 decades later when a person leaves the physical body and enters the spirit world where he or she lives eternally in a realm of Love

In this way we go through three stages of life. During the first period in the mother's womb we have been surrounded by water. Now, in the second stage here on earth we breathe air and in the third eternal realm we will be surrounded by Love

The atmosphere of True Love in which we are destined to live eternally has to be created and developed during our life here on earth just as the organs of the body need to grow in the mother's womb in order to enable a human being to live well with a healthy body which functions according to its design

This means that the purpose of life is directly connected with our most central organ, our Heart and accordingly our main task is to expand our ability to love

For this clear reason it is essential that we focus on developing our Heart during the time we spend on the earth in preparation to dwell eternally in an atmosphere of True Love

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During the first nine months the life of a human being depends completely on the loving dedication of the mother who carries the baby in the womb

Once we are born, we still depend on the Love and care of others until the time when we have learned to take care of our own needs. During this period we should be able to experience selfless parental Love which is so essential to develop a stable and healthy personality

Along with receiving unconditional parental Love we are to learn to love and care for others during the time of our childhood and youth on higher and deeper levels so that we are well prepared for marriage and capable of passing on a tradition of True Love when we start our own family

Life goes through cycles where human beings are conceived in Love, grow through different stages and dwell eternally in a realm of True Love if we fulfill our responsibility of learning to love in a selfless way of living for the sake of others

As we have seen, the union of sperm and egg is only possible thanks to a perfect planning and design, leaving no room for any coincidence. Even if people are not aware of it, the intelligence and planning seen in every part of these events are clear proofs that human beings are created by a higher Being

The two entirely different genetic data of the sperm and the egg unite together in order to form a new human being. Inside of this very first cell is already all the information concerning the new living being yet unborn. All the features and every detail of the person who develops from this first cell is already encoded in these chromosomes

At the time of conception everything is determined and written in this cell, from a person's features at age 7 to how he or she looks like at age 70. Even though the basic features that the body will develop are determined at the very beginning of human life, there is still the possibility for alterations which will develop according to a person's lifestyle

Shortly after fertilization the cell begins to divide, but who tells the cell to start the process of building a new person? From where does it take the information it needs in order to begin this life-giving development?

After some cell cluster divides and multiplies, another astonishing thing happens: Some cells grow different to others. The old cells gather at the centre to form the embryo and the group around them will form the placenta which will nourish the embryo. This process is accepted in the world of science as a miracle like many other processes for which no explanation can be found

There is a secret order that causes cells to act in certain ways. In order to understand the process of the creation of new life and all the other wonderful realities we find in this world we do need to look at everything from the standpoint of the existence of an invisible Creator, what is most obvious when we look closely at the development of a human being in the mother's womb

About four days after fertilization the divided cells reach an area specially prepared for them, the mother's womb. In order not to be expelled from the mother's body they have to cling on to the womb. However the newly forming embryo is a round cluster of cells. It has no special extension to enable it to cling to anywhere. So how does it stick to the wall of the womb?

When these cells reach the wall of the mother's womb a unique system goes into operation. The cells on the very outside of the cluster give off an enzyme which dissolves the womb's wall. In this way the cells cling tightly to the womb and avoid being expelled from the body. The presence of these cells which are put in the right place and which release the necessary enzymes, once again reveals the perfection of creation

Countless numbers of single cell creatures live in our world which is a planet full of life. All of these single cell creatures multiply by dividing and forming exact copies of themselves as they do so. The embryo in the mother's womb also begins life as a single cell creature and the cell multiplies by copying itself. In this situation, unless there were a design, the cells of the unborn baby, would all turn out to be the same

And what eventually would emerge would not be a human being but a shapeless mass of organic matter. But nothing of this kind happens because the cells are not unsupervised but they develop in line with the design determined at the beginning of the universe

A few weeks after the sperm and egg have come together the cells start to differentiate, obeying a secret command which is apparently given to them. This change is considered to be a miracle by all scientists

The unconscious cells set about to build the internal organs starting with the heart, the skeleton and brain. Every minute one hundred thousand new cells are created as the brain begins to form in the embryo. Each new cell that forms behaves as if it knows to where it belongs and which cells it has to make connections

with. Each cell finds its own place out of an infinite number of possibilities; miraculously, it joins only to the cells it needs to

In order for the brain cells to be able to make the trillions of connections properly they need to demonstrate an intelligence far superior than that possessed by humans. However cells have no intelligence after all. And not just brain cells, each of the dividing and multiplying cells of the embryo heads from the place they were first formed straight to the point it has to occupy

Each one cell finds the place designed for it. Whichever cells they have to form connections with they also do it. How is it that these completely identical cells move to different places as if they had received an order from somewhere and ensure the formation of different organs?

By observing the process it seems that the identical cells that do not know what they are going to do and whose genetic and DNA are the same, suddenly receive an order from somewhere, some of them form the heart, some the brain, some other organs

Who is telling the cells with the same genetic code to fulfill different tasks? Naturally the order can come only from some invisible source or energy that provides the overall design for life which is expressed in wonderful forms on our planet

Let us focus on deepening our understanding of the internal root behind what we experience as life within and around us

Miracle of Love 5

When we watch the beginnings of human life, what is now possible thanks to electron microscopes and other technology, we can see that the fertilized egg looks for a suitable landing spot to access the nourishment felt at the red lining of the uterus. The one week old embryo finally touches down and almost immediately begins to burrow into the surrounding tissue

After a few days the millimetre sized embryo disappears beneath the surface. In the next stage of development the upper portion of the embryo becomes a foetal sack, beneath it a food sack which will later disappear. The small disk between them will perform a fantastic transformation

During a five day period this disk forms the very foundations for the development of the various organs of the human body, the heart, lungs and liver, the brain and the nervous system, from three basic layers

Within 21 days the very foundations for a human being are built within the womb of the mother. One can say that the basis for the life of a person is established during 6 days if one sees the very first stage of development within the egg as the first day of human life

24 days after conception the heart can be clearly seen as a round formation at the centre of the embryo, showing what is expressed in later life as a core truth: The heart is the most vital organ of the body and accordingly also Love must be in the most central position in our life

Inside the embryo a group of remarkable cells are the basis for specialization of the body's cells for development of the various organs which make up the human body

It is a mystery for scientists how one fertilized cell can turn into completely different cells. Out of a certain signal at the centre of the stem cell or the area around it, fat cells will be formed, the body's energy reserve, or connective tissue cells that will heal our wounds, etc.

During the fifth week the embryo will reach 8 millimetres in length. A five weeks old embryo looks like this

In 60 days the foetus grows from one cell to over a million cells, reaching a length of 4 cm and weighing 12 grams, receiving all of its nourishment through a complicated apparatus, called the placenta

The placenta creates an enormous area of contact between mother and child. Through its approximately 15 square meters of surface area it supplies life giving oxygen as well as other nutrients

The umbilical cord is a generously designed safety feature, ensuring that the mother's and the child's blood never mix, protecting the child from harmful substances

Usually the growth of hair appears around the third month. After the eyes are formed they remain closed for three months together with the sense of sight.

That what is to become the sense of hearing is developed in the beginning stages of human life. As early as in week five the outer ear is created not long after the inner ear was formed. But there are no nerve connections to the brain yet. It is an ear that hears nothing. About half-way to its birth the foetus begins to listen to its surroundings.

It is believed that the foetus learns to recognize the father's and mother's voices and memorizes music. Rapid eye movements have been registered in the foetus like those when people dream. Perhaps it dreams about the mother's voice or the music it just heard

A lot points to the unborn child being a lot more conscious and developed than what we had previously believed. In one particular regard, it has prepared itself remarkably early and this concerns the reproductive process, like several decades into the future

At six weeks the outer sex organs of girls and boys are very similar. Despite these similarities, both sexes have prepared themselves very similarly. Already from the very early stages, the girl's ovaries are producing enormous amounts of immature egg cells. When she is born, each ovary will contain an unbelievable two million egg cells.

An equivalent process takes place in the boy. Already at the foetal stage the testis are producing vast amounts of immature sperms

The evolutionary process has secure early guarantees to safeguard reproduction. From the beginning it was decided whether the baby would be a boy or a girl. The sex was decided by the genetic make-up, that is, the chromosomes.

If the man's genes dominated, then vast amounts of the male hormone testosterone will be produced. The production of this hormone will result in a boy. If testosterone is not produced, it will be a girl. The female hormone oestrogen will direct the development of a girl embryo

Isn't it amazing that around the world the number of male and female foetus has been in an even proportion of about 50 to 50 percent while the number of sons and daughters born into the countless families that have been formed throughout history has always been of a great variety of combinations?

Alone this simple fact of the balance of the number of boys and girls that are born into this world shows that there is a higher order behind life which secures that for every man there is one woman to marry and to build a happy family, what corresponds to the deepest desire in the Heart of every person who has learned to build harmonious relationships to representatives of both sexes, male and female human beings

Miracle of Love 6

All the eggs in the body of a woman are already created during the embryonic state in the mother's womb. Within a couple of months several million eggs are created but they begin to die and at the age of 30 only a few thousand are left. But that is no problem because within an ovary it is quality and not quantity that counts

Once the egg is released, if it is not fertilized within a few hours it will die. Actually it is the ovary that decides which sperm is allowed to enter the egg and to fertilize it. The details of this miraculous process can be studied in scientific literature

The egg cell does not have any means to travel by itself the long distance through the fallopian tube to reach the mother's womb. For this reason it is looked for, found and transported along a special system that has been created for the eggs' journey. Billions of cells on the inner surface of the fallopian tube have been charged with ensuring that the egg reaches the womb

These cells position their tiny hair on their surface so that they lie in the direction of the womb. In this way they send the egg-cell in the right direction. These tiny hairs in the fallopian tube are part of a highly intelligent plan and have been situated in just the place they need to be and in just the shape they need to have. All of them together perform a carrying motion in a unified direction

If one part of these cells would not carry out their function or if they performed their function in a different direction, the egg would not reach its target and birth would not take place. Up to the very minute details God as a Loving Parent created everything in order to function perfectly to achieve the best possible outcome

As the embryo is developing, how does the embryo turn on the right set of genes and create the right proteins? The commentator of the films produced by National Geographic under the theme 'The miracle of life' says that part of the answer seems to be location. 'Once the basic body plan is established with the head on one end, back and front, left and right sides, cells seem to know exactly where they are and what they are supposed to become.'

The commentator continues: *'This is because cells talk to each other in the form of chemical messages. Chemicals in one cell can trigger a reaction in the cell next door that can spread to the cell's nucleus and turn genes on or off. But what is really going on in there? How does a gene get tuned on?'*

The explanation that chemicals trigger reactions speaks only about the external process but what tells the cell which chemicals to produce and to release? How can the cell find orientation where left and right, front and back is when it does not have any senses to perceive directions and no brain to process information?

One may come up with a long line of questions and the proper response will be again and again: There is no other answer possible as to how the complicated processes involved in creating new life in the mother's womb than the information and creative energy provided by the Creator of the universe

For a gene to be turned on something has to come in and loosen up the right section. Then the cell's 'machinery' can latch on and read the DNA, the first step on the long road to building a protein. Those molecules that can turn genes on play a key role in every aspect of development including the process that transforms the embryo into a boy or a girl

When a gene is turned on it tells the cell to produce a certain kind of protein. Proteins are the molecules that build our body. How is a cell to know when to turn on which gene in order to produce a protein which will be needed for the next process? Such a question cannot be answered without including the directive information provided at the background behind what is happening on visible levels when new life is created

If all the DNA in a single cell got stretched out it would be about 6 feet long. But it is all wound up very tightly, coiled around balls of protein. Let us imagine, we hold a thread that is 6 feet long in our hands and then we have to fold it to fit into a space of micro millimetres without causing any damage to it. It is impossible for human beings to accomplish this task

In every cell there is the DNA information nicely folded up in perfect form so that no damage is caused to the precious information containing the 'knowledge' of what is needed in order to build a harmonious human body that is capable of incredible achievements about which we can read e.g. in the Guinness book of world records.

Blood cells which first 'stand' independent of each other in the embryo suddenly start to join on to each other and form connections between themselves and the cells form blood circulation system. How have these cells learned that they have to form veins and arteries, and how can they do it? That is one of the questions to which science could not find an answer

The vein cells eventually form a perfect tubing system with no cracks or holes in it. The internal surface of the veins and arteries are smooth as if made by expert hands. This perfect vein system will soon start to bring blood to every part of the baby's body

Who could have guessed the right answer in the past centuries when asked about the length of all our body's blood vessels if they were placed in a straight line? It is very unlikely that somebody would have come up with the correct data which modern science has confirmed: The total length of all the blood vessels in the body is 60,000 miles!

Just think of that tiny little red corpuscle that has to haul oxygen a distance of 100.000 kilometres. And still our blood cells accomplish their task and most importantly our Heart pumps blood through such an incredible length of arteries and draws it back through the vein system of our body

The length of the network of veins is more than 40.000 kilometres, the circumference of the earth at the equator. And the same is true for the total length of all arteries. It is hard to imagine that each and every human produces such an enormous length of blood vessels

It takes many years to walk this distance of 100 times 1000 kilometres; such an incredible distance is reached when adding the length of all veins and arteries in the body of a single person! This fact alone is awe-inspiring and lets any explanation of the development of life through random mutation appear as a fairy tale

In the 5th week the arms and legs of the embryo become visible. As the hands start to form some of the cells start to do a surprising thing. Thousands of them commit mass suicide, so to speak. Why do these cells kill themselves? The dying cells perform a crucial function. The bodies of these cells which die along a specified line are necessary for the formation of fingers. The remaining cells begin to eat the dead ones and empty spaces appear in these regions. These empty spaces are the gaps between the fingers

Why do these cells make such a sacrifice? How is it that a cell can kill itself so that the baby can have fingers in due course? How does the cell know that its death will serve such a purpose? Such questions can only be answered from the viewpoint that life has its origin in an invisible Creator who brought forth the miracle of life out of Love

Miracle of Love 7

Development of the eyes starts in the 6th week. The cells operate with an unbelievable plan for months, and one by one form the different regions of the eyes. Some cells will build the lens, others the pupils, ... Each cell stops when it reaches the limits of the regions and the eye which consists of some 40 different components is constructed flawlessly

The human eye which is considered to be the world's most perfect camera is built within the darkness of the mother's womb! Our eyes are ideally suited to the perception of the colours of light which it will see only after having been born into another world from the amniotic fluid in which it developed

The visual system detects and interprets information from visible light while carrying out a number of complex tasks, including the reception of light and the formation of monocular representations; the buildup of a binocular perception from a pair of two dimensional projections; the identification and categorization of visual objects; assessing distances to and between objects; and guiding body movements in relation to visual objects

In the human eye we find a perfect mechanism that is working automatically, connecting 40 different parts. Each one of these 40 parts fulfils a specific task that is necessary for our being able to see things. If only one of these parts is missing or it is not working properly then vision would be impossible

The iris is automatically adjusting according to the intensity of light while the lens is adjusted with the help of tiny muscles according to the distance of the objects in a matter of fractions of a second. Alone the fact that no high-tech vision instrument can perform the tasks which the human eye is capable of in the same quality shows what a superior creation our eyes represent

In order to ensure proper vision, a certain chain of reactions is happening in the Retina, starting with the molecule that registers the arrival of a photon changing its form, what leads to rhodopsin changing also its form to fit into the transdusin protein. A new molecule GTP is formed, which unites with the rhodopsin and transdusin into one entity, which connects with yet another protein, creating a molecule that causes a chemical reaction in the cell

Through this process the balance among the ions in the cell is changed, producing an electrical signal that causes the nerves situated behind the retina to react. In this way, the perception of light causes a chemical reaction which in turn is transformed into an electrical signal which contains the optical information of the object seen by the eye

The nerve connection between the eye and the brain is not a direct line but at each synapsis the information has to be transformed through a chemical process to bridge this connecting point and then continues to travel as electrical impulse. All of these complicated changes from electrical to chemical energy and the other way around occur without the information received through the ray of light being altered

In this way the information reaches the centre in the brain for sight where the image that is perceived is compared with similar images in the memory bank. The whole process is continuously repeated as we look at our surroundings whereby the molecules that are involved in this task return to their original position and characteristic after this process until the next photon reaches the eye and another process begins

Millions of processes are happening simultaneously in our body. We are capable of seeing our surroundings, to smell objects and to taste some food along with touching something at the same time without any special effort. All senses work harmoniously together to provide us with rich impressions of our surroundings which cause us to feel certain emotions and to have specific thoughts

Even Charles Darwin had no more desire to continue to deal with the theory he developed in the face of how complicated the processes in the human eye are, as he expressed in a letter to his friend Isaac on April 3, 1860

Prof. Behe wrote that the process of seeing and the anatomy of the eye which Darwin could not explain in the nineteenth century can indeed not be explained with any evolutionist theory. The explanations offered by evolutionists are very primitive in the light of the very complicated processes that enable vision through the eyes

Let us take the example of the dragon fly: Each eye has a mind-boggling 29.000 lenses, making for the ultimate motion detector. How much faith is needed in order to believe that this incredibly specialist in seeing objects came about based on random mutation due to mistakes in passing on information through the genes?

Not only that a dragonfly has this enormous number of eyes but they are perfectly assembled at the best place of its body, showing perfectionism without any mistakes when one looks at it through a microscope.

To believe that all of this and all the other miracles of life have come about by chance requires bigger faith than the one that can move mountains

The tiny dragonfly is capable of moving at a staggering speed of 38 miles per hour and the processing speed of the information received through these nearly 30,000 lenses is five times faster than what the human eye is capable of processing

Alone this fact shows that evolutionists believe in the impossible or the probability of 10 to a billion rather than acknowledging the existence of a creative force that exists behind the external forms which they are investigating. Instead of accepting the obvious expressions like the following are used: *'Evolution drove one eye to the staggering compound complexity, the dragonfly-eye.'*

In our eyes we have 200,000 light capturing cells per square millimetre. The eyes of an eagle which are similar in size to the human eyes have at least four times more light capturing cells. Every creature is specialized for certain purposes according to the needs required in line with its unique traits, wisely arranged by our Creator who has made life in incredible variety and seemingly endless beauty, especially seen from an inner viewpoint

Even when diving at a speed of more than 200 miles per hour an eagle's eye tracks its target with deadly precision. How could an animal evolve by random mutation which is capable of moving at more than 200 miles per hour and land safely upon touching ground after speeding down from the sky with such an enormous speed?

This and all the other awe-inspiring realities which we find in nature can only be explained when we recognize that behind the wonders of creation is a marvellous Creator who invested incredibly much Heart and Love into all the minute details science is discovering step by step

It is not evolution that has brought forth all the miracles of the universe but its Ultimate Origin as an invisible Being of Love with all the qualities one may attribute to that timeless Entity

Just as the tiniest building blocks of the universe do not have solid forms, it is not wise to try to define the characteristics of our Creator in strict limiting terms but we need to go beyond religious dogma to an 'all-including' understanding of our Ultimate Origin, most of all based on the understanding that Heart and True Love are the eternal foundation on which all existence came into being

Miracle of Love 8

As the tiny foetus grows the neurons make their way out the neural tube to create the brain layer upon layer, like an onion. The neurons follow a pathway as if they were travelling down a highway. They just grab hold of supporting cells and propel themselves along while holding on to the guide wire, a certain fibre, as they go along this very vulnerable process which no other cells have to do

Neurons travel in waves, millions every day, embarking on a daunting expedition that scientists call migration. It is an amazing phenomena; it is as if they are going across the country. In terms of the distances relative to their size they are making a huge odyssey through all kinds of foreign territory and the most amazing thing about this migration is that generally they are doing it without mistakes. They are following clues /cues? along the way that are telling them exactly where to go

For years scientists wondered how the migrating neurons find their place in the brain. Do neurons simply travel in herds or do neurons do their own driving, each neuron genetically programmed to fulfill its predetermined purpose? Now it is clear that young neurons have an idea where they are migrating to and they can recognize their position within the brain

Neurons are born from the division of stem cells, seeds from which the tissues of the body grow. Some stem cells can form themselves into any kind of cell: blood, skin, heart, bone or brain cell. The fate of normal cells is determined by who were their neighbours who travel beside them; they take on the same function. They get instructions from their neighbours with whom they are connected with some 10.000 connection points

But by the time a young neuron begins its migration it has already received instructions about what to become. It knows. It goes into a new environment and even though all the other neurons are going to the position A it is saying, No, no I am supposed to go to position B and that is exactly what it does.

By 24 weeks the vital organs of the foetus are well formed. The heart beats on its own, and the lungs are prepared to fill with air. The brain has nearly its full complement of billions and billions of neurons, reaching out to each other, building connections with mind boggling speed, nearly two million every second until the brain has become a tightly packed network of trillions of wires – more connections than stars in the sky

One has to ask: How is it that each one of these trillions of cell connections are made appropriately? The brain begins to wire itself following a precisely specified blueprint. The connections are following clearly defined rules. Naturally the question arises: Who set up these rules and regulations concerning how the billions of neurons should organize themselves?

Needless to say, the answer to this and all the other questions concerning the directing force behind external visible development lies in the directive information provided by the Creator of our universe

Setting up the connections among the neurons may be compared to connecting telephone wires to make sure the right telephone rings. How to get a precise phone to ring is established in the second phase of brain wiring. If the connections are correct and they are being used then they get strengthened

If they are not being used or they are only used occasionally, they are lost. We may call it user or loser. So the field brain is really a dynamic structure that is constantly changing in response to this process of strengthening appropriate connections and pruning inappropriate connections

Getting circuit all tuned up takes a long time. It cannot happen overnight because there are literally billions of connections to check

The brain is the most complex thing on earth: Billions of brain cells forging links with other brain cells; trillions and trillions of connections between cells, charged with electrical impulses; every cell in its place every link between cells carefully orchestrated, nothing random, nothing arbitrary

What scientists would like to understand is how the brain during development generates millions and millions of neurons, sends them to the right position in the brain and then somehow instructs each of those individual nerve cells to form very specific connections with one another

Scientists marvel: *'You can think about brain development like a play that follows a script that is written down by the genetic code, but it has no director, it has no producer, and it has a bunch of actors that have never spoken their lines before. Despite all this, you pull the play off.'*

Four weeks after conception, the first brain cells, the neurons are forming already at an astonishing rate. The nerve cells in the brain multiply by 250.000 new cells per minute, 15 million per hour and move to exactly the right position, neurons that will never reproduce themselves and rarely be replaced

In an emergency situation, both the mother and the foetus supply first their brain with nourishment, then the rest of the body. Everything is very wisely arranged in order to secure the birth of a healthy baby even though they may be difficulties during pregnancy

Neurons are born in foetal life and then those very cells are the ones that are still functioning all the way into old age while most other cells in our body turn over, they do their thing, then they die and they are replaced. For example, during a life-time a person is generating and shedding about 90 pounds of skin cells.

Whatever signals the beginning of birth has been a mystery for centuries. New research shows that it is the baby and not the mother who initiates the birthing process. When the foetus is ready to be born the foetus sends the signal from his brain and triggers hormone activity, causing the uterus to begin its powerful contractions and the process of birth begins

It is amazing how soon the baby can adapt after having been born into this world. Much depends on the nearness of the parents how well the baby can develop especially in the first months of its life

Already two days after birth babies can recognize their mother by sight, what is a remarkable ability even though vision is the last of the senses that are developed. That the baby cannot see well is very good for its immature brain as it cannot deal with excessive stimulation

The voices of the parents are already known to the baby when it starts its life on earth. The nine months of pregnancy represent truly a period of bringing forth a miracle of Love

Miracle of Love 9

All the eggs in the body of a woman are already created during the embryonic state in the mother's womb. Within a couple of months several million eggs grow but they begin to die and at the age of 30 only a few thousand are left. But that is no problem because within an ovary it is quality and not quantity that counts

Once the egg is released, if it is not fertilized within a few hours it will die. Actually it is the ovary that decides which sperm is allowed to enter to egg and to fertilize it, which points once again to the central position of woman in the creation of new life

The egg cell does not have any means to travel by itself the long distance through the fallopian tube to reach the mother's womb. For this reason it is looked for, found and transported along a special system that has been created for the eggs' journey. Billions of cells on the inner surface of the fallopian tube have been charged with ensuring that the egg reaches the womb

These cells position their tiny hair on their surface so that they lie in the direction of the womb. In this way they send the egg-cell in the right direction. These tiny hairs in the fallopian tube are part of a highly intelligent plan and have been situated in just the place they need to be and in just the shape they need to have. All of them together perform a carrying motion in a unified direction

If one part of these cells would not carry out their task or if they performed their function in a different direction, the egg would not reach its target and birth would not take place. Everything is finely tuned and perfectly organized by our Creator in order to bring forth the miracle of life – out of True Love

Research has shown that the baby goes through three phases in the mother's womb: pre-embryonic in the first two and a half weeks, embryonic up until the end of the 8th week and foetal from the 8th week until birth

The placenta surrounds the embryo in the mother's womb and meets all its needs. The placenta is like a kidney dialysis machine, a heart-lung machine, and an artificial liver. It carries out all these functions at the same time. It is a wonderful design that enables mother and baby to live

The cells that make up the placenta recognize the food particles among the millions of bodies in the mother's blood and allow these to reach the baby. Another of the placenta's duties is to protect the embryo. The defensive cells flow towards the womb to attack the embryo but cells on the outer side of the placenta in form a kind of filter between the mother's veins and the embryo they allow the nutrient cells to pass but not the cells.

If the job of taking care of the growing embryo's need had been given to a human being and not to the placenta then the embryo would not survive more than a few minutes because mankind does not have the technology to calculate the embryo's changing needs and to meet them. Only the placenta is capable of fulfilling this very difficult task

The umbilical cord enables the link between the mother's and the baby's body. This cord is in fact a wonder of engineering that carries out vital tasks for nine months. It contains one vein and two arteries. The vein carries food and oxygen to the embryo

Thanks to this the embryo does not drown even though it lives in a liquid filled environment and its lungs are filled with water. It does not die even though its digestive system has not yet been constructed and it cannot eat. Both of these basic needs are provided for the embryo through the placenta. The arteries remove Carbon dioxide and waste products from the baby's body so that it can grow in a very clean and healthy surrounding

Let us consider the following fact: The embryo cannot know that it will have to walk in the outside world, but still legs and feet are developed in the mother's womb. This applies of course also to other organs like the lungs which are created even though there is no air but only the amniotic fluid surrounding the embryo

The sounds the still unborn baby will hear have also been taken into consideration. The ears that will listen to that music are also constructed in the mother's womb. The ears are a wonderful organ which allow us to enter the uplifting realm of music and to become one with it

One by one, we can look at the various organs and abilities created in the mother's womb and we will be in awe when we consider for how many aspects and abilities the foundations are formed in the embryonic state which will only be needed later in life

Everything points to the existence of a design behind life which cannot be denied in any way when one looks at the questions addressed in these presentations about the miracle of life, which can be of course expanded to many more areas and dealt with in much greater depth. The deeper we go the clearer it will become: Human life is impossible to exist without a Creator who has initiated life

In the documentary by National Geographic about the evolution of the eye you hear the commentator say that every now and then a little mistake is made when the DNA is passed on from Generation to generation. And those mistakes are called mutations. Sometimes these mistakes create problems, at other times they create new opportunities.

Did we ever hear of new computers with higher capabilities having been developed by people working in the production making mistakes? No, never, we have only heard of or experienced problems. To believe that higher development came from mistakes in passing on information needs more faith than what believers in some religious faith can come up with

In other words, scientists who cling to evolution through random mutation have greater faith than religious believers and therefore it should be no problem for scientists and those who believe in religion to unite and to realize together a scientific and loving world

At the end of the documentary the narrator says: *'It's been a long journey, from the drifting egg inside the fallopian tube to the bunch of cells hatching from its shell... to a human living creature. A new person has been created; truly a miracle of Love.'*

The cells which are programmed to develop into the body's blood vessels seek contact with each other and connect to form long cell formations, the first fine vessels of the embryo's blood vessels. The obvious question is, how do these cells know that their task is to form blood vessels and how do they connect with each other?

All the many unanswered questions in connection with the creation of the miracle of life point clearly to God's existence as a Loving Creator who prepared everything perfectly in order for children to be born on the foundation of having grown up in the warmth of a mother's body, surrounded by her Love

Miracle of Love 10

Newest scientific research has shown that long before the muscle which develops into the Heart in the embryo there are already impulses in the place where later the Heart grows. For scientists it is still a riddle to understand what triggers the Heart to start beating already in the fourth week after gestation. There is no input from the central nervous system that initiates the heartbeat

The reality that the Heart begins to form in the human embryo before the brain points to the supremacy of the Heart over the brain whereby the survival of the embryo depends already in these beginning stages of human life on the flawless functioning of the tiny heart. The Heart is also the first organ that is fully developed in the foetus

It is obvious that there must be some intelligence that initiates the beating of the Heart which continues to fulfill its task reliably throughout a person's life if we take good care of this most precious organ

The human Heart begins to beat and pump blood through the embryo around the 21st day after gestation, the union of the seed with the egg. The electric stimulus that triggers the muscular portion of the Heart to contract is myogenic. This means that the contractions arise spontaneously within the myocardium itself, and propagate from cell to cell

The extraordinary position of the Heart in the human body is confirmed by modern science in manifold ways. Remains only that every person deeply recognizes the central position of our Heart and follows its guidance and wisdom while investing into expanding the ability to share True Love with others

The commentator of the documentary *Miracle of Love* says that scientists around the world are looking for the answers to these questions, *'But nature herself knows what to do to let red blood copulas and their oxygen molecules pass through.'* Who is nature that knows what to do?

Instead of using the word God or Creator scientists use words like 'nature' or evolution' in an effort to avoid referring to the most obvious. It is a hiding behind theories in order to avoid having to face the reality of an established and confirmed fact: the existence of an invisible Ultimate Origin of the universe and the resulting responsibility of man for his behaviour

The commentator continues: *'Larger and more efficient blood vessels are built up. But the stem cells perform also other tricks of transformation...'* Instead of telling the truth that God wisely formed first of all stem cells from which He made the various organs in line with the laws of nature which He has set up, 'non-sense' like speaking about cells having the capability to perform tricks is pronounced in a scientific documentary

Such is the sad reality of denial of the existence of a Creator in the ranks of scientists even though it is them who should know best because they are aware of how little they know of what could be learned about our magnificent world and the huge cosmos. It is obvious that the problem does not lie in the head but in the Heart and it has to be addressed there

In wildlife reproductive mechanism are affected by smells. Microscopic chemical particles, called pheromones, tiny scent molecules also affect human sexuality. There is a particular smelling organ that receives the pheromone signals, sending them on to the brain, located deep inside the human nose as a small round formation

A pheromone, a term derived from the word 'to bear' and hormone (originating in the Greek word for 'impetus') is a secreted or excreted chemical factor that triggers a social response in members of the same species. Pheromones are chemicals capable of acting outside the body of the secreting individual to impact the behaviour of the receiving individual

There are alarm pheromones, food trail pheromones, sex pheromones, and many others that affect behaviour or physiology. The mere existence of such special organs that are capable of perceiving scent that other living beings send out show that there must be a Creator who created human beings and animals as male and female and all the structures and functions connected with it

To touch and to smell the scent of a loved one can be an overwhelming experience. The bodies of the lovers may literally glow with chemicals, creating a natural stimulus, that has a powerful effect on all the bodily functions and senses

Ejaculation of sperm is the result of a series of very complicated physical and psychological events, requiring the cooperation of several glands at exactly the right order and at exactly the right moment

One of the many unsolved puzzles in connection with the miracle of life is the question: How the developing embryo knows which set of genes to turn on in order to create the right proteins? It can only be solved when scientists are humble to include God's existence into their considerations

The commentator of the films produced by National Geographic under the theme 'The miracle of life' says that part of the answer seems to be location. *'Once the basic body plan is established with the head on one end, back and front, left and right sides, cells seem to know exactly where they are and what they are supposed to become.'*

The commentator continues: *'This is because cells talk to each other in the form of chemical messages. Chemical in one cell can trigger a reaction in the cell next door that can spread to the cell's nucleus and turn genes on or off. But what is really going on in there? How does a gene get tuned on?'*

Again, this and all the other unresolved issues which scientists cannot explain even after many decades of intensive research point to the existence of an incredibly skilful Creator who has brought forth such a wonderful world with the miracle of the life as one of its highlights

The dimensions involved in the creation of new life are absolutely enormous. For example, the baby is 100 billion times larger than the initial egg cell and 6 billion times heavier

From whatever perspective one may look at the creation and development of life it is all one incredible miracle, from beginning to end. It is impossible to explain all the immensely complicated processes based on the theory of evolution

One only needs to be honest and it is absolutely clear: Creation is at least 1000 times more likely than mere evolution based on random mutation. Life has developed towards amazing perfection and beauty, yet its greatest miracle is the miracle of Love brought forth by an endlessly Loving Creator

Miracle of Love 11

Professor Michael Denton wrote in his book *Evolution: A Theory in Crisis* that in order to recognize the truth of life which was discovered by molecular biology we have to enlarge the cell one million times. In this case the cell would be like a huge spaceship reaching from London to New York. If we come closer we would see millions of small doors; and if we would enter one of these doors we would see a wonderful technology of such complexity that we would be astonished

Can we imagine what this complexity of cell means? In a tiny cell we find millions of doors and behind each one of them rooms with complex technology which makes us marvel at the wonders we find there

Let us take the example of hormones. When it looks for certain cells it has to first find the door through which it can enter. At each door there is a check-point that makes sure that only content that is useful for this cell can enter

The doors are only opened to contents that are beneficial for the cell. In case something harmful like a virus approaches the cell entrance, some other mechanism is activated. The contents are analysed and categorized as dangerous and strictly rejected.

Upon entering a cell, the hormones are welcomed by certain proteins, called enzymes, responsible for organizing the functions within the cell. In case they are needed, the hormones are used immediately, and if not then they are stored in the so-called Golgi apparatus

Some molecules, like insulin transporting sugar, are of such a size that they do not fit through cell doors. In order to receive such big content the membrane is enlarged at certain place where the oversized molecule is welcomed and drawn into the cell while at the same time a strict security check is implemented

The sugar molecules that entered the cell are carefully collected by special enzymes designed to carry substances and then brought to the mitochondria in the centre of the cell. It is the task of the mitochondria to divide the insulin and then to reassemble it in such a way that it can be used by the cell

Energy bundles (ATP) are produced by a very complicated process in the mitochondria and then brought to the places where they are needed. The connections in the cell are established through certain channels, the so-called endoplasmic reticulum

The brain of all the complicated processes is the core of the cell, comparable to a centre of information processing. Inside are the chromosomes; each one of them represents a huge information basis consisting of DNA strings containing the codes of the genes

The DNA consists of four different molecules: Adenine, Thymine, Cytosine, Guanine, arranged in the form of a spiral staircase. They represent an alphabet consisting of four letters. Through this alphabet, huge amounts of knowledge are stored in the cell. Alone that knowledge could fill many encyclopaedia books

In the chromosome we find the detailed plans for the building blocks of the proteins and enzymes that are used in the cell. All construction plans of the organic molecules that are to be included in the structure of the cell are recorded in minute detail in the DNA. One enzyme has only the task of opening the DNA which is connected like a zipper

Afterwards a group of enzymes separates the DNA into two parts. Another enzyme has the task to read and to store the contents and then to produce an exact copy, the RNA polymerase. The main job of RNA is to transfer the genetic code needed for the creation of proteins from the nucleus to the ribosome

This process prevents the DNA from having to leave the nucleus, so it stays safe. Without RNA, proteins could never be made. A group of enzymes will reassemble the DNA into new pairs which are connected again by the enzyme that is specialized on closing the zipper

The production place of enzymes which may be seen as a factory, is called ribosome. By assembling the right parts in the proper order a new enzyme is produced. If even a small mistake is made in the production process then the enzyme is useless, but such mistakes in the assembly do not happen. The newly produced enzyme leaves the ribosome in order to fulfill its task

The DNA is a nucleic acid that contains the genetic instructions used in the development and functioning of all known living organisms. The DNA is also a medium of long-term storage and transmission of genetic information. Which information is turned on is decided by special tags, the epigenomes

Epigenetics implies features that are 'on top of' or 'in addition to' genetics; thus epigenetic traits exist on top of or in addition to the traditional molecular basis for inheritance
epigenetics as the structural adaptation of chromosomal regions so as to register, signal or perpetuate altered activity states

Whereas there have been hardly any publications concerning epigenetics until the year 2000 the scientific world has seen a steady exponential growth in the number of articles in the field of epigenetics, with a doubling of the epigenetic papers every one and a half years

If we compare the DNA with a computer then the is like the software the epigenome would be like the software that tells the computer when to work, how to work and how much. The epigenome decides whether a gene is read and how it is read

DNA contains all the instructions to construct a body, but it is only half of the story. The DNA in our body is wrapped around proteins, called histones. Both the DNA and histones are covered with chemical tags. This second layer of structure is called the epigenome

The epigenome shapes the physical structure of the genome. It tightly wraps inactive genes, making them unreadable. It relaxes active genes, making them easily accessible. Different sets of genes are active in different cell types

The DNA code remains fixed for life but the epigenome is flexible. Epigenetic tags react to signals from the outside world, such as diet and stress. The epigenome adjusts genes in our genetic landscape in response to our rapidly changing environment

From these new scientific discoveries it is clear that our genes are influenced by the surroundings. What we need to understand most of all from these insights is the fact that we can indeed influence how life develops. Therefore we should make the best use of our Hearts and share as much Love as possible with others because doing so has very concrete effects on the wellbeing of those who receive our True Love

Miracle of Love 12

Because molecules are smaller than the wavelength of light there is no way to directly observe them. Only now after more than 100 years of intensive study of the genes scientists begin to understand the processes which are going on inside the cells of living beings

For example, the interface between the dynamic scaffolding and the chromosomes, which is central to the moving of chromosomes is made up of 200 different types of proteins, thousands of proteins in total, is a signal broadcasting system that broadcasts through chemical signals, telling the cell when everything is aligned and ready to go for the separation of chromosomes

This interface is able to couple on to the growing and shrinking micro tubules; it is involved with the growing of the micro tubules. It is also an attention sensing system that is able to feel when the chromosome is ready and in the correct position. The stop signals for the process are sent out and they walk down the micro tubules to convey the message. This mechanical process is working like molecular clockwork very precisely

Exploring at the frontier of human understanding is mind-blowing, especially when it comes to uncovering what is going on at every second of our life in the human cells. Discovering these incredibly complicated processes are also steps on the way to eliminating disease, the suffering of millions of people through illnesses, which originate in the smallest units of our body

All life is made of cells which come in thousands of shapes and sizes. The human body has over 100 trillion of them, carrying out the dance of life. The deeper and wider we look into the inner workings of the human body the more amazed we will be

A living cell is comprised of hundreds of proteins that work in harmony with one another. Would it not be good if we learn from them and also live together on this planet in peace even though there are billions of people?

In each cell of our body we have a DNA that is about 2 nanometres across and 30 to 40 million nanometres long! It represents a huge package of DNA is called chromosome. Can we grasp such dimensions of Nano size width and incredible length?

Modern science has revealed the unimaginably complex structure of the DNA molecule and the many complicated processes in our body where we have trillions of tiny 'machines' that are copying our DNA right now with exquisite fidelity

An organization that could not have come about by chance with thousands of tiny parts working in perfectly synchronized harmony while performing incredibly difficult tasks

In certain sections of the DNA, called genes, our characteristics are programmed. The DNA code is made up of a sequence of four different basic components which are abbreviated with the letters A, C, G, T. Each one of them can be considered to be a letter. Therefore the DNA can be likened to an alphabet of four letters

Humans have 3 billion letters worth of DNA information in each cell. All the information of a living being is stored in this databank which contains twenty 500 page books of information in each and every cell! What an amazing miracle that can only have come about based on the existence of an incredibly intelligent designer

Every cell of our body is packed with 3 billion DNA nucleotides. DNA has all the hallmarks of language. An unseen author has left a testimony of His existence in every living being in the form of the DNA which represents the language of life

The information we find in the DNA is pointing back to a designing intelligence in line with the principle of cause and effect which is fully valid in our universe

Just as (computer) programs always come from programmers it is most obvious that behind the existence of our cosmos stands a living Creator because information always comes from an intelligent source

The wonderful processes that have been expressed here in a few paragraphs are in reality much more complicated. They do not happen somewhere distant from us but in every one of the 100 billion cells of our body undergo over 500 quadrillion chemical reactions every second

The amazing biochemistry of cells is nurturing life on earth and protects us from harmful elements while at the same time it is our responsibility to take care of ourselves. Science has barely begun to understand cells

Such a fascinating system of production that is happening continuously in each one of us cannot have come about by chance. Many neuron scientists are now convinced that the existence of life cannot be just coincidence because there is a detailed plan for each action in the cells

Professor Michael stated at Princeton University: *'I think that the conclusion of design is a scientific one, an empirical conclusion based on the observable system. Life and the universe are intended, they are the product of intelligent activity. I would like to point out that this idea comes from the progress of science. It is not from what we don't know but from what we have learned over the past 50 years.'*

There cannot be any doubt that behind life stands conscious creation. Despite the highly advanced technology, science is incapable of explaining in detail most of the processes we find in nature and in the universe as a whole

Countless questions remain unanswered from the side of scientist, especially when it comes to more internal issues related to the behaviour of men and women and the realm of kindness expressed in animals

The theory of evolution cannot give a proper explanation concerning the processes that are happening in a single cell, much less about the development of all the manifold living beings we find on the earth. Let us put it therefore aside and wholeheartedly embrace the knowledge that the miracle of life has its origin in a Creator of True Love

Miracle of Love 13

We are drowning in a sea of information and yet starving for knowledge. This is especially true in respect to the program for life that we find in the DNA of every cell, in all living things. Even though we have made many breakthroughs in science there is still so much more to be discovered especially in this area

When we look at nature we see a lot of organization, many examples of self-order. A single snowflake has amazing details of an exquisite structure. Water plus cold air and gravity including a certain time period creates snowflakes. In a cavern water plus minerals, gravity and time allows stalactites and stalagmites to grow

Information science is changing the way how we think about all living systems. There is always a sender of information and a receiver who has the ability to decipher the meaning behind the information that is sent and then changed into some meaningful purpose

There are different types of information in living systems. Functional information is useful and practical; it is defined in the context of a specific function which certain elements perform

Prescriptive information is instructional information which is used to determine what choices to make. In order for something to be considered prescriptive information the receiver of the message must have the knowledge of the resources alphabet, rules, and inscriptions in order to decipher the message and act on it

For instance, a software code may look like a bunch of random characters at first glance. However if you know what these characters represent and you have a system to decipher the code you can understand extremely powerful programs

What first appears to be meaningless ones and zeros is actually information, knowledge, waiting to be interpreted and executed. It is incredible to think how much information exists all around us

A cell is so complex that scientists have only scratched the surface of what really goes on in there. However, even with our limited understanding what we do know is that the inner workings of a simple cell are simply extraordinary

New York City is a pretty busy place with its people and all that is going on, but compared to a living cell New York pales in comparison because there is an amazing 'miniature city' in every cell of our body with very complex processes happening which science is only beginning to understand

Amino acids are the most basic building blocks from which proteins are constructed. Even though there are two kinds which are mirrors of each other, left handed and right handed amino acids, living organism only use and produce left handed amino acids in order to create life, showing that the chemistry of life is controlled by information

When amino acids are created in a laboratory, an equal number of right and left handed amino acids are produced. It is a fascinating mystery for scientists why in living systems only left handed amino acids are produced

It is equally fascinating that amino acids have many different functions. One particularly important function as the building blocks of proteins; they are functional linear chains of amino acids

Just as the letters of an alphabet can be combined to form a variety of words, amino acids can be combined in various sequences to form a vast variety of proteins. Every protein is chemically defined by its unique sequence of amino acids

Even the simplest life forms have thousands of proteins with structural and mechanical functions. Without amino acids and proteins basic cell structure as we know it could not exist

In the protein chain the ribosome it is met by chaperones which prevent premature folding bringing it to the place where it is folded by a 'machine'. Accurate folding is essential in order to accomplish its intended functions. Once the protein is complete it is released into the cytoplasm to do its job

Protein synthesis is an amazing process which occurs constantly in our bodies. Ribosomes are made from RNA and proteins. Ribosomes are made of the very proteins they manufacture. It takes over 150 existing proteins to manufacture just one protein

There are thousands of millions of interacting computers in every cell that communicate with one another, they read the information, they transfer information from one component to another component, there are many different operating systems involved, different programming languages involved with various components within one cell. And all of them have the same components that any other computer would have

Bill Gates admitted: *'Human DNA is like a computer program but far, far more advanced than any software we've ever created.'* The implications of this statement are quite profound and should be taken to heart by all people

There are three types of computers: electronic, mechanical and biological. The necessary components for any meaningful computer are: Memory for data storage, executable program containing instructions for processing data, the processor who executes the instructions, and the capability to produce meaningful output

Many components of cells are components equivalent to those of electronic computers: DNA and RNA can hold prescriptive information or algorithms and proteins can be used to hold, transfer, or process data. Proteins are the output generated by the translation process of a ribosome's computer system

Scientists have also discovered something called the interactum, an incredibly dynamic interacting network which acts like the internet of the cell where proteins, RNA and NA can stay in constant communication with each other. We also know that there is a cell to cell information exchange integrating our entire body. Everything is interconnected, perfectly arranged by our Creator

Miracle of Love 14

Cells are the structural and functional units of all living organisms, whereby each cell can take in nutrients and turn it into energy, carry out various functions and reproduce itself as necessary. And even more amazing, each cell stores its own set of instructions for carrying out all of these activities

The seemingly conscious cell membrane that controls what enters and leaves the cell is much like the firewall on the computer as gatekeeper allowing only those who belong and rejects all other components

Once we pass through these membranes we see the organelles like the organs of the cells. Ribosomes are the computer controlled factories of the cell. By fastening to a messenger RNA and using it as a template the ribosome arranges amino acids in the correct sequence to form a particular protein. This process is known as translation

The Golgi apparatus stores and packages proteins. Much like a post office, the Golgi body stores and packages items which it then sends to different parts of the cell. It is composed of membrane bound stacks known as cisternae. Each cisternae is made of a flattened membrane disk and its primary job is to modify proteins but it is also involved in the transport of lipids around the cell and the creation of lysosomes

Lysosomes are spherical organelles which dispose of all the waste in the cell. Without the Lysosomes the cells would be ultimately overwhelmed with debris and ultimately self-destruct

Mitochondria are the power plants of the cell which are also involved in a number of other processes like signalling, cellular differentiation, cell death and the control of the cell growth

The nucleus is the control centre of the cell. This is where we find most of the DNA that contains the instructions that is needed to create other elements of the cell. Like the motherboard of a computer controlling its components the nucleus directs the growth, metabolism and reproduction of the cell among other things

Life requires fully functioning DNA, RNA, ATP, enzymes and other proteins. If any of those components were missing or not working properly life would fail to exist. This continues to generate several unanswered questions: How could non-living material develop the hardware and software known to be required by all living organism?

How did nature develop the arbitrary protocol for communication and coordination among the thousands of computers in each cell? Such a question leaves those who adhere to a purely naturalistic explanation for the existence of life struggling because they cannot explain how nature could create such a sophisticated mechanism of information source

Even though the existence of life is indeed a mystery, it is totally unreasonable to assume that it created itself or was brought forth by nature as so-called scientists are claiming. Who is nature? This question remains unanswered or one may say that it is the sum of all existing things, that nature created life, making in this way another impossible claim

The DNA, the molecule containing the genetic instructions in the development and functioning of all living organisms, contains four code letters, A, C, G, T. Human genes contain about twenty to twenty five thousand genes in its approximately 3 billion base pairs

If the DNA in an adult human's body would be laid out end to end it would be about 30 billion miles long. That is enough to travel the distance between the earth and the sun over 320 times

That means a person would have to travel every day to the sun and back for nearly one year in order to roll out the whole length of his own DNA. How can one not be speechless and at awe that every single human being produces such a length of DNA?

A gene contains both coding sequences to determine what the gene does and non-coding sequences that determine when the genes are active as well as thousands of other regulatory functions

Less than 2% of the genome is for coding proteins. The other 98 percent that used to be thought of as junk DNA is now being studied to determine its functionality

Chemically the DNA and the cells of the human body is the same as that in a fruit fly, an orange or an elephant. The uniqueness to all of those species lays in the information content of the DNA. While the chemistry may be the same, the actual information that is embedded in that chemistry is very different. And the challenge for molecular biologists is understanding completely what that information means

When the gene is active, the coding sequence is copied in a process called transcription, producing a messenger RNA or mRNA of the gene's information. Messenger RNA is produced by a protein that is about 3000 amino acids long as it reads the genetic code

The processes that are going on in cells leave scientists with big puzzles like the following: Not only do proteins create proteins, but we have proteins that are actually creating the DNA molecules' blueprint and yet on the molecule there are sequences as part of the DNA that are coded for those proteins

How can a messenger RNA require a protein that reads the genetic code, but yet the protein needs the RNA to be produced? Could they have come into existence at the exact same time with the meaningful information for both to operate properly?

The manufacturing plan needs the blueprint and the blueprint of the DNA needs the manufacturing plan in order to actually create the DNA. So what came first? The proteins that made the DNA or the DNA that made the proteins? Much is still a mystery for scientists when it comes to the origin of this complex organic language which can only be fully understood when acknowledging the existence of an all-wise Creator

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Once DNA is organized into a single coiled piece it is wrapped around a complex hierarchical structure of proteins. This is what is commonly known as a chromosome. There are 23 chromosomes in the human genome, containing all the inheritable traits of an organism

Living organism continually produce new cells through a process called cell replication throughout their entire lives. Molecular motors that use the chemical energy of ATP to break hydrogen bonds between bases and unwind the double helix into single strands

This process is used for both replication and repair of the strands. Remarkably, the DNA strands are kept from strangling as they are separated and duplicated. Next these strands are copied by enzyme strands computers creating an exact replica of each original strand.

Over 30 different proteins are required for duplication and repackaging of cellular components during cell division. It is from this tiny, masterfully complex cell that life is formed

Enzymes are other important types of proteins catalytic which have special slots which hold other molecules in order to make chemical reactions possible. There are over 2000 enzymes and each one is used to enable a chemical reaction without ultimately being altered itself

Imagine, it has been observed that the smallest chemical reaction would take a trillion years without an enzyme but with the presence of an enzyme it takes only a hundredth of a second. What an impressive fact which points once again ever so clearly to the existence of a Creator who has created what is known as miracle of life out of Love

All living organism begin with one cell. As cell division takes place we see multicellular organism take form. When we stop to think about our own body having about 100 trillion cells, each group having a unique purpose and working together harmoniously we begin to have an appreciation for the complexity, elegance and beauty of life

When we look around, we can only marvel: How much information must be needed to create all the incredibly manifold forms of life based on 250 distinctly different cell types, each of which has a very unique program?!

All of the cells (with a couple of exceptions) have a nucleus and a genome which is the same all across the cells. When we begin to think about the complexity of the genome it is amazingly complex the information in the genome while we know a great deal about the cell we have only scratched the surface of its inner workings. Scientists are continuously discovering new data concerning the cell and its DNA

As our knowledge increases it gives us a deeper understanding how complex a cell really is. As we ponder this miniature marvel we begin to wonder: Could this simple cell have evolved from the elements of the earth over time? Is it possible for this to have happened by natural processes?

As we observe our surroundings, there are many different genomes in existence, getting very unique in incredible organisms. Each and every one of them points to the existence of a very creative Parent of the Universe who invested True Love in order to create as much beauty as possible to bring joy to the children created in His/Her image

In May 2010, a team of scientists led by John Craig Venter became the first to successfully create the first cell with a synthetic genome which was described as 'synthetic life' by synthesizing a very long DNA molecule containing an entire bacterium genome, and introducing this into another cell

This first computer designed and genetically produced genome is the set of application programs for an organism, an artificial DNA, had over one million letters of genetic code and which were then read, processed and then executed by the computer system in the target cell's nuclea

What does this mean? A team of more than a dozen scientists had to work for years, day by day with the help of high-tech instruments in order to be able to create one cell for which over one million letters of genetic code arranged perfectly right was needed. And on the other side people say that life came about by chance

To say that there is no Creator behind the existence of life because it came about by chance is a huge non-sense, a completely wrong statement from the viewpoint of the probability of life being able to come about by random mutation

Not to accept the existence of a design behind creation is equivalent to living in the stone age where people did not understand much about the inner details of the human body. Isn't it high time that we all enter the new age in which the existence of God is absolutely confirmed through the discoveries of modern science, especially in this 21st century?!

John Craig Venter says: *'Life is basically the result of an information process, a software process. Our genetic code is our software and our cells are dynamically, constantly reading that genetic code.'*

With the invention of the electron and proton microscopes we could gain some understanding of the foundations needed for the creation of life. The cell is an extremely efficient and well networked computer system with thousands or even millions of processors and billions of bits of information

This simple fact shows us that it is impossible for such immensely complicated process which is based on highly structured information has come about by chance without a Creator

As a building requires a builder, a creation demands a Creator. The outstanding design of nature points to a gifted designer. Through observing nature we come to know the characteristics of the awesome Creator who reveal Himself/Herself through the universe with all of its magnificent beauty

Through observing the cosmos we get a glimpse of God's power and wisdom, His majesty and care, and most of all of His True Love. Creation speaks to the Heart of those who will listen. Let us therefore open our Heart and mind to find a direct relationship to the Ultimate Origin of the universe whose presence we can find in our innermost soul

Miracle of Love 16

In the field of information science there are rules for probability that help us to find and understand the probabilities of an occurrence. To answer that question we must first define the terms of probability, the likelihood of a particular outcome from among possible outcomes

There are a number of important terms related to probability: possible, feasible capable of being carried out and done, probable (probability of occurrence is at least 50%), infeasible or unworkable, impossible. People are easily misled to believe that something is scientific fact while in reality it is only speculation

Scientists commonly make the mistake that they say something is possible while in reality they should say it may be speculated. If somebody uses the term possible then he must be able to verify that this assertion is indeed possible using known science

If the public is educated and understands the scientific meaning of probable and what it means to be possible it will cause scientists to be more diligent and accurate when making their declarations

Impossible means that there is a zero chance of occurrence, however when a probability becomes too small it can be deemed operationally impossible or infeasible, meaning that the possibility of happening is greater than zero but for all practical purposes it is recorded as impossible. It is technically possible but operationally impossible

Some scientists try to justify hypothetical scenarios simply on the grounds that they are theoretically possible and then try to convince the public that something must have happened because it could have happened. Therefore we must use critical thinking to distinguish between probable explanations and pure unscientific speculation

The very definition of science refers to critical thinking because people want to know. Let us develop the critical thinking to look at all the options in order to see where does the evidence lead and what is the best explanation for why this came to be

What is the probability of protein evolving by undirected natural processes? One in 10 to the 164th power; that is a 10 with 164 zeros following it. The probability of life, a simple cell, evolving by undirected natural processes is 10 to the 340 millionth power

Even though this number is unimaginably big, one may get some idea by looking at one tiny grain of sand. It is estimated that there are one million grains of sand in a cup. It takes one million cups with grains of sand to fill a swimming pool that is 6 foot deep and 30 foot in diameter. One billion of such swimming pools fit into a deep lake that stretches over 200 square miles

It would take about one billion such lakes to fill the earth. The probability of grabbing the one grain of sand out of the earth filled with sand is one in 10 to the 30th power. It will take one hundred million earths to fill the sun with sand, and one trillion suns to fill the solar system. 10 trillion solar systems to fill one cubic light year, one hundred trillion cubic light years to fill the volume of the milky way galaxy and finally 10 billion milky way galaxies to fill the observable universe

The probability now of picking our grain of sand from the observable universe is one in 10 to the 96th power. Still a far cry from our protein being formed with the probability of one in 10 to the 164th power and of course even far less chance of life evolving from undirected natural processes. Scientists generally consider something less than one part in 10 to the 70th power operationally impossible

That calculation does not take into consideration the information that is stored in the cell which directs the cell in all aspects of operation. That estimate is solely the chance of forming something chemical. The chance for life evolving and retaining the information needed to replicate itself is astronomically smaller than anything we know!

And that is only one organism. Think about what it would need for millions of complex organisms to have evolved from an undirected natural process? According to information science the probability is so small that it is deemed operationally impossible

Knowing all of this, should the popular scenarios of popular chemical and biological evolution of life be taught globally as the only explanation of the origin of life and the species? Unfortunately, many people do not opening our minds to the possibility of other explanations

If observation and data contradicts the theory you are testing then the theory should be modified or abandoned. Unfortunately this does not seem to be happening to the present most popular model of origins. Instead many scientists are trying to take information and make it fit their operational models. But is that good science? Of course not at all

Critical thinking is required to realize the informational aspect of this issue and to make sure whatever scenario you are coming up with do not violate the principles of information science. Too often scientists believe that information can be generated by physical processes but that simply is not true. Functional information cannot be generated from purely physical properties. It has never been observed to arise purely by physical interactions

Sigmund Freud once said: *'From error to error one discovers the entire truth.'* As we examine history we are constantly reminded of ever evolving thoughts in science. While some theories seemed promising at their time we have discovered that they are completely incorrect. As we learn more about this amazing world we start to understand the complexity of its workings. In the case of the cell, the more we research the more complex it seems to be

As we gather information it is up to us as scientists, students or colleges, to bring science to a level of integrity and critical examination it deserves. If we approached science without an unsupported prearranged bias then what we are trying to accomplish is not really science at all

The beauty of science is therefore to move away from accepted dogma to examine the evidences. It is not up to us to disprove a given theory; it is up to the theory to prove itself against the laws of science. If a theory fails to do this then it should be rejected and one has to search for more knowledge in order to discover the entire truth

When we consider the laws of information, the possibility of life evolving using the known laws of chemistry and physics is operationally impossible. It is absolutely clear: From a scientific standpoint it is not possible that life came about based on coincidence without a creative source of information
Meaningful prescriptive information cannot arise from nothing, no matter how much time we allow. Until we acknowledge this fact we will never discover the ultimate Origin of the miracle of Love

Miracle of Love 17

The miracle of Life has its roots in the miracle of Love, in the indescribably great wonders we find in nature based on the investment of God's loving Heart into everything that He made in order to bring forth a vast variety of living beings

But even if we look only at a single cell it is hard not to be at awe, especially when considering what is actually going on at each second in every cell of our body in the form of the ATP motor which provides us with the energy needed to live

In 1997, two scientists, Professor Paul Boyer (USA) and Dr John Walker (UK), were jointly awarded a Nobel Prize for painstakingly unravelling, over a period of many years, the secrets of 'The Motor of Life'. This is an enzyme within our body's cells called an ATP Synthase, which is vital to life

Like any other motor it rotates, and surprisingly fast - in fact at about 6,000 revs per minute! Further, it is the last word in ultra-miniaturisation, being 200,000 times smaller than a pinhead! Every cell in the body has hundreds, if not thousands of them. As we have some 100 trillion cells, there are in excess of 10 quadrillion (1 followed by 16 zeros) of these amazing ultra-tiny little motors which drive our bodies and upon which our very lives depend

The ATP Synthase motor's job is to manufacture a little molecule called ATP - short for Adenosine triphosphate - which is of enormous importance for the successful functioning of our bodies. ATP is supplying the energy for the functioning of your brain, the beating of your heart and the contraction of your muscles

Similar to the release of energy stored in a compressed spring, so energy locked up in the ATP molecule, when triggered chemically, is released and made available to do work in our cells. Dr Walker explains that we require our body weight in ATP every day. We are turning over that amount of ATP to keep ourselves thinking and walking around

At the extremes of activity, i.e. when resting, only half our body weight is required; when working hard, up to 1 ton is required! This enormous amount of ATP is produced by those quadrillions of tiny ATP Synthase motors working so hard within our bodies to keep us going.

In 1993, Professor Boyer correctly deduced by indirect means how ATP was produced, but it was left to Dr Walker to provide the first detailed picture of how the motor works by taking an atomic snapshot, using X-rays and an electron microscope, in 1997

These incredibly tiny spinning motors are brilliantly designed and extremely complex. Each motor is built from 31 separate proteins which in turn are made up of 3,000 amino acids (the building blocks of proteins) thus making the ATP Synthase motor enzyme one of the largest and most complex biological molecules ever pictured

The height of this cell motor 20-nanometer (one nanometer is one thousand-millionth of a metre). These rotary motors in the membranes of mitochondria, the cell's power houses, turn in response to proton flow (a positive electric current). Rotation of the motor converts ADP molecules plus phosphate into the cell's fuel, ATP

Just as every moving vehicle or manufacturing process needs a power source, so every cell contains a kind of cellular 'battery' or 'power pack' called a mitochondrion, and the ATP synthase motor forms part of the latter. The rotating part of the motor, consisting of C Protein sub-units, is embedded in the membrane of the mitochondrion

Projecting from the wheel, or rotor, and rotating with it, is the bent axle called a Gamma protein sub-unit. At its free end, this sub-unit engages with a 'hat' - a ring of six protein sub-units: 3 Alpha and 3 Beta units. These do not rotate but are anchored to the membrane, rather like a pump attached to the flange of an electric motor.

This is how the ATP synthase motor produces ATP. The cell external to the mitochondrion contains the raw materials, consisting of ADP molecules, which when combined with phosphate, produce ATP. First, an ADP molecule enters one of the 3 Beta sub-units of the 'hat' and combines with phosphate to produce an ATP molecule. A flow of protons (positively charged hydrogen nuclei) through the wheel of C proteins causes the wheel to rotate

As the bent axle rotates, it 'wiggles' eccentrically, squashing each Beta sub-unit in turn, so that it can no longer grip the small ATP molecule. This results in the ATP molecule being ejected out from the mitochondrion and so into the cell. The process resembles the minting of coins - three 'coins' of ATP being 'minted' during each revolution of the wheel

Each of our quadrillions of ATP motors produces, on average, no less than 18,000 ATP molecule per minute, over 1 million per hour, some 26 million per day - less when resting, more when working hard. As the demand for energy increases, the flow of protons through the wheel increases, so turning the wheel faster and increasing the production of the energy-giving ATP

All this to keep our bodies and brains functioning, thus making our lives possible! And no wonder the ATP synthase motor is called '*The Motor of Life*'. The same amazing ultra-miniature ATP synthase motors are spinning away in all living things, including plants and bacteria. In plants, the equivalent of mitochondrion, called chloroplasts, are the cellular 'power plants' by which green plants convert sunlight into energy for growth

There are countless other wonderful, ingeniously designed structures and processes going on inside our bodies which we are blissfully unaware of because they are unobtrusive, silent and invisible to us, yet brilliantly efficient

The closer we look the deeper will be our impression of the enormous variety we find in the magnificent creation, especially in the wonderful structures and awesome processes in the body which are 'irreducibly complex', that is, where removal of one part of the structure or process would render it useless

Such systems have to be complete from the start or they will never work. There are no simpler intermediate stages that can be envisaged. Even the simplest forms of life is built by immensely complex structures and complicated processes

It is quite preposterous, even naive, to suggest that such stunningly sophisticated, incredibly ingenious, staggeringly and irreducibly complex, ultra-miniaturised, brilliantly successful designs could merely be the result of blind, purposeless, unaided 'chance', without the involvement of an intelligent mind

Such supremely brilliant designs, such as the ATP synthase 'motor of life', the exceedingly complex blood-clotting mechanism and a thousand other wonders of the living world, far and away more complex and sophisticated than human designs - indeed the whole gamut of Creation from atoms to galaxies, from inanimate matter to intelligent life - could only be the work of a supremely intelligent Mind, an awesome, almighty, yet intensely Personal Designer-Creator God

The DNA contains the blueprint for life and is by far the most condensed information storage system known in the universe. The amount of information contained in a pinhead volume of DNA would fill a stack of books 500 times higher than the distance from the earth to the moon

The program code and design of such an incredible system indicates a supremely intelligent designer. The very powerful massive information storage system is like a book of information that is written by a language system, what is really phenomenal. Scientists know today that language with a code only comes from intelligent beings

Information comes from information; nobody has ever seen matter by itself give rise to a code and to a new information. When we look at DNA from this viewpoint, it cries out that in the beginning God created the universe

We all begin with a microscopically tiny cell. How does this cell know how to build a body with 100 trillions of cells, thousands of different kinds? And each one of them contains a very complex Nano dimensional machinery!

When we think of DNA we need to realize that it contains the manufacturer's manual, the instruction how to build and operate every part of the human body, an incredible instruction manual that regulates everything to the finest details

Furthermore, DNA is a three-dimensional molecule that is self-replicating, able to make an identical copy, quickly and efficiently. It can even detect replication errors. These sophisticated capabilities far supersede man's means

Isn't it amazing that God created DNA with the capability of self-correcting. There are proteins, called enzymes, that go up and down the DNA molecule, looking for and making repairs on a minute by minute, second by second basis?

God gave us a DNA code that has editorial type enzymes. Just as an editor reads a book looking for mistakes and repairing them in ways that are unbelievably complex as we may imagine. The DNA is the language in which God has written us

Information science is the field dealing with information systems, how information is created and how it is transmitted. One of its laws of information science says that information never originates by itself in matter. It never comes about spontaneously. Any time we trace the copying of information back to its source, it always comes back to a mind. From this viewpoint it is absolutely clear that life has its origin in a Living Being, our Eternal Parent

Even the DNA molecule is simple compared to cells. All life consists of cells and each cell functions as a miniature city. Our human body consists of trillions of cells working together as one unit. From this example we can learn that it is possible to live in harmony as one family of Man whose members are working together in beautiful harmony where everybody's wellbeing is taken care of

The DNA double helix contains four types of building blocks: An A always pairs with a T, a C with a G. DNA contains information to build every part of our body with its four letter language. Each of our thousands of genes codes for a specific part

A-RNA substance copies the gene into a messenger molecule. The building blocks of messenger RNA and DNA are called bases; the bases of one side of the DNA specify the order on the new strand of DNA and of messenger RNA. The DNA always stays inside the nucleus, but messenger RNA travels out into the cytoplasm

There is a protein making machine, called a ribosome, can read messenger RNA to make a particular protein. Every three bases of the messenger RNA codes for an amino acid. Proteins are made of amino acids. T-RNA molecules help translate the language DNA and RNA into the language of proteins

The T-RNA molecules bring the right amino acids that the ribosome links together to make a protein. Proteins are the labourers. Some form structures like hair, others perceive light, sense and flavours, control chemical reactions and carry messages between cells

To understand our biological cells scientists have read the three billion letters making up the DNA in the human genome. Different sets of genes interacting with environmental factors, influence things like our looks, our personalities, and risk for diseases, like cancer and heart disease.

A growing understanding of genes and all they do will help us to gain deeper insights into the complexity and the wonders of life. What we know so far is already well enough to be at awe how much our Creator must have invested in order to build such a complex system as our cells where so many processes are going on an so many functions are fulfilled on microscopic small levels

The DNA is encode with a four letter chemical alphabet that precisely spells out the assembly instructions for all the thousands of different kinds of proteins out of which the body is constructed. In fact the DNA is the most efficient information storage system in the universe. Science cannot come anywhere near replicating the ability of DNA to contain information. Picture a teaspoon of peanut butter. Imagine that is pure DNA. How much information could that teaspoon of DNA hold?

Just one teaspoon of DNA could hold all the precise instructions for all the proteins of all the 1000 million species of all the animals that have ever existed on the planet and still have enough space left over for all the information of all the books ever written. That's how efficient DNA is in storing information. Absolutely mind-boggling

How does DNA point to a Creator of the universe? Nature by itself cannot produce information. It can only create patterns. For example, on the seaside we may see patterns in the sand made by the wind or the waves, but when we see a heart with an arrow through it, saying, 'John loves Mary' nobody would assume that the wind made it. Everybody knows that a person made this drawing in the sand because it contains information with content

When we look at DNA and we see these written instructions for the proteins in our body, we are looking at some of the most powerful evidence that there must be an Intelligence behind life, our Creator God

'If you really study science, it will bring you closer to God.' This statement is not only true for scientists but for everybody who has a close and deep look at human nature, at the human mind and spirit, especially when looking into the heart and the incredible potential to give True Love, without end, even to one's enemy

Miracle of Love 19

There are so many things one can marvel about in connection with the creation of new life like the fact that at the moment of conception a unique human being's DNA is created that has never existed before and will never be repeated again

Baby's heart beats twice as fast as the mothers because the baby grows so fast. The water in which the foetus grows is continuously renewed in order to keep it clean while certain cells create just the amount of temperature needed for the best possible growth

Through modern means of measuring what the foetus experiences in the mother's womb it has become clear that babies have R.E.M. sleep, which likely means that they dream even before they are born

Through discoveries in the DNA research centered on the Russian scientists it has become clear that tiny light particles, called photons, can influence our DNA

Today we know that even in vacuum photons remain which can be shown through special instruments. Usually they are evenly distributed in an un-orderly fashion. But when they are brought into contact with a human DNA they assemble in certain organized structures

In the past the understanding that DNA can influence photons has been completely missing in the Western world but this situation is now changing because high-tech instruments enable us to prove the fact that the DNA influences on the atomic structure of molecules

The direct influence of the DNA on the physical world is a revolutionary discovery along with the fact that there is a special energy field for our thoughts

When scientists put DNA into a vacuum tube it organized the photons into a certain structure. And when the DNA was removed the photon did not return to their usual disorderly state but remains in the same structure as they had formed through the presence of the DNA. This means that there is a direct connection between the DNA and the photons through a certain field beyond external proximity

The fact that our surrounding is influenced by the DNA in our cells has been confirmed in various ways in recent years. This means that human beings can influence their surroundings without any external contact due to the existence of an invisible energy field or matrix

In this way it has been confirmed that a quantum field connects everything, representing a deeper level which enables us to communicate with each other beyond any limitations by external space

The energy field which exists as fundamental reality in everything and that surrounds all things and living beings has many different names according to personal preferences or convictions of people. Some may call it unified field while others prefer to speak about a divine matrix or an omnipresent Creator

The original or fundamental electromagnetic field enables us to interact with everything in this universe. Through the interaction between the various energy fields which have concrete structures information is exchanged

Whatever we are doing, has some influence on the existing cosmic field while at the same time this field is influencing us. Together we create the common memory that exists in this world whereby each person is like a standing wave in the bigger energy field

Whether through our DNA, through our Hearts or through the power of our thoughts, we are constantly sending impulses to our surroundings and further out into space, reaching the energy fields of other people whom we draw in this way into our lives

At the same time we are attracted by the energy of other people if there exists a common resonance between them and us. This means that we are not only sending out energy fields but we are also receiving constantly signals from others, whether we are aware of it or not

The law of resonance says always, 'yes'. If affirms your believes. If you believe that your life has no deeper meaning you will experience this as your reality because you will receive confirmation that this is the case

On the other hand, if you are convinced that the purpose of life lies in creating joy and happiness not only for yourself but also for other people, then you will see this realized in your own life-time

There is one more fact that is essential for our life: We can change our DNA. Feeling and emotions that originate in our Hearts have a direct influence on our DNA which in turn influences atoms

Samples of DNA, isolated into vacuum, were put under the influence of certain emotions by people who used special methods of focusing on concrete emotions. The strong emotions conveyed to the DNA caused measurable electromagnetic reactions in the DNA

According to the traditional understanding of physics and biology it should be impossible that mere emotions can cause DNA to react in measurable ways but scientific experiments proved the opposite to be true

The conclusion is clear: Emotions, feelings and thoughts change the structure of the DNA and their structure in the cells

Miracle of Love 20

For many years it has been a puzzle for philosophers and scientists who invested into brain research how thoughts are created and how they influence matter. It was discovered that hormones can cause people to have certain thoughts. The mutual relationship between neurons and thoughts exist but it could not be explained

Finally the unresolved question of the relationship between brain cells and the creation of thoughts can be fully understood based on the discoveries in the area of research into the structure of DNA

Through the work of the ENCODE projects we have learned that over 80% of our DNA is doing something even though only about 2% is genes. A lot of that something appears to be controlling when genes are turned on and to what level

Scientists had believed for a long time that the genes are the key to who we were. And that what made us more complex than other living beings was that we had more genes. Accordingly the scientific world was quite surprised to find that even a water flea has 8,000 more genes than we

A genie was thought to be a person with special genes while we know now that the decisive factor does not lie in the DNA which we inherited but ultimately in our Heart where the ultimate decisions are made with the brain following the directions given by this most powerful organ of the human body

There are many ways of looking at our human body and its functions about which scientists still do not understand various aspects well, like how the DNA is working. While it was assumed in the past that the greater part of our DNA is not useful we know now that not our genes determine who we are but the way how we use them

Genes are just the instructions for proteins and proteins are the molecules that do the heavy lifting in our cells, fulfilling many tasks. The idea was that more complex creatures would do more things and so would need more proteins and so have more genes. But such thinking turned out to be completely wrong

At the beginning of the 21st century, scientists sequenced the human genome. To everyone's surprise there were only something like 20,000 – 25,000 genes. Most scientists expected 100,000 or more. And to make matters worse, gene number didn't appear to relate to complexity

The genome appeared to be long stretches of not-genes interspersed with the occasional gene. Scientists called all the DNA that was not a gene 'junk' DNA. Meanwhile it is clear that 97 percent of our DNA has a higher purpose and is not 'junk' as some people arrogantly thought only because they did not know its purpose

Among its many contributions, the ENCODE data provides us with the start of a cataloguing of what parts of our DNA are important and, to a lesser extent, which parts interact with each other. Another big finding of the ENCODE project is that over 75% of our DNA is copied into RNA in one cell or another

The Russian biophysicist and molecular biologist Pjotr Garjajev and his colleagues explored the vibrational behaviour of the DNA. The bottom line was: 'Living chromosomes function just like solitonic/holographic computers using the endogenous DNA laser radiation.' This means that they managed for example to modulate certain frequency patterns onto a laser ray and with it influenced the DNA frequency and thus the genetic information itself

This finally and scientifically explains why affirmations, autogenous training, hypnosis and the like can have such strong effects on humans and their bodies. It is entirely normal and natural for our DNA to react to language. This is an amazing discovery which confirms what intuitive and sincerely religious people have been aware of for centuries: words of Love are beneficial and healing for the human body

While western researchers cut single genes from the DNA strands and insert them elsewhere, the Russians enthusiastically worked on devices that can influence the cellular metabolism through suitable modulated radio and light frequencies and thus repair genetic defects

Garjajev's research group succeeded in proving that with this method chromosomes damaged by x-rays for example can be repaired. They even captured information patterns of a particular DNA and transmitted it onto another, thus reprogramming cells to another genome. This represents an unbelievable, world-transforming revolution and sensation!

By simply applying vibration and language instead of the archaic cutting-out procedure incredible results could be achieved. The new discoveries in the area of DNA research point to the immense power of wave genetics, which obviously has a greater influence on the formation of organisms than the biochemical processes of alkaline sequences

This discovery also points to the significance of sound frequencies and vibrations in the origin of human life and the possibility that creation was generated by waves of consciousness. The Phantom DNA effect is a case in point: the energy field of a DNA sample remains detectable by laser light even when the physical sample is removed

At a fundamental level, man is pure energy. In Wave Genetics, the junk DNA functions at a rich infrastructure level of super codes and wave communication, realized in material form as crystalline structures - dynamic gene-holograms in liquid crystals of the chromosome continuum

Once we managed to develop the technology to sequence the human genome and to gain deeper insights into the working of the DNA it became clear that hyper-communication, in the form of remote sensing, remote healing and telepathy, is definitely a part of the human protocol

It is indeed a blessing that we live in a time when internal aspects in which people had to believe in the past can now be even shown and proven with the help of high-tech instruments. On such a foundation we cannot have any excuse not to know that the internal realm exists and is primary in every respect

As mature human beings we have to take full responsibility for what we know and set our priorities right based on the knowledge that the internal precedes the external, that our emotions and thoughts directly influence ourselves and others in very concrete ways

Albert Schweitzer put it in this way: '*The biggest decision of your life lies in acknowledging that you can change your life by changing your mind-set.*' Based on the precious discoveries made in recent years the way is now open to have truly not only a new mind-set but to live with a completely renewed Heart

Buddha said: '*If you focus your Heart on one point, nothing is impossible for you.*' Let us be wise and focus on nothing other than our Heart and expanding the most precious realm of True Love because in this way a bright future is guaranteed for all of us

After thousands of years of being disconnected from higher dimensional frequencies, our DNA is finally breaking free from old patterns of understanding its function. We can now understand that 97% of our DNA has a higher purpose and why its transformation is leading us into an awakening that we never could have imagined

The human genome is packed with at least four million gene switches that reside in bits of DNA that once were dismissed as 'junk' but it turns out that so-called junk DNA plays critical roles in controlling how cells, organs and other tissues behave. The discovery, considered a major medical and scientific breakthrough, has enormous implications for human health and consciousness because many complex diseases appear to be caused by tiny changes in hundreds of gene switches

As scientists delved into the 'junk' parts of the DNA that are not actual genes containing instructions for proteins, a complex system that controls genes was discovered. At least 80 percent of this DNA is active and needed. Another 15-17 percent has higher functions scientists are still decoding

The result of the work is an annotated road map of much of this DNA, noting what it is doing and how. It includes the system of switches that, acting like dimmer switches for lights, control which genes are used in a cell and when they are used, and determine, for instance, whether a cell becomes a liver cell or a neuron

There is evidence for a whole new type of medicine in which DNA can be influenced and reprogrammed by words and frequencies without cutting out and replacing single genes.

Russian researchers' findings and conclusions are simply revolutionary. According to them, our DNA is not only responsible for the construction of our body but also serves as data storage and in communication

The Russian linguists found that the genetic code, especially in the apparently useless junk DNA follows the same rules as all our human languages. To this end they compared the rules of syntax (the way in which words are put together to form phrases and sentences), semantics (the study of meaning in language forms) and the basic rules of grammar

The linguists found that the alkaline of our DNA follow a regular grammar and do have set rules just like our languages. So human languages did not appear coincidentally but are a reflection of our inherent DNA. More importantly, language can be used in order to bring about healing, especially when it originates in a person with a loving Heart

Scientific experiments could prove that when people focus on positive emotions like love and gratitude then the DNA responds by 'relaxing' or reacting with ease; the DNA strings open and become longer

But when a person expresses emotions of frustration, stress or anger, then the DNA becomes shorter and even deactivates many of its codes; it reacts to the negative emotions by contraction, the DNA shrinks up

Based on these insights we may well understand why negative emotions can shut us off from the world, they disconnect us from our surroundings. If we are in a bad mood we may easily feel cut off from the world; and this is actually happening while we disconnect ourselves from others

The deactivation of codes in the DNA could swiftly be undone in the experiments when the test person expressed positive emotions like love an appreciation, gratitude and welcome

Through the new scientific discoveries we know that genes are influenced through signals coming from outside. In other words, emotions and thoughts do have a direct influence on our DNA. Genes react to the signals from its surroundings, including signals coming from the brain

The brain represents an entity that interprets situations and sends signals to the body. These are chemical signals as well as electromagnetic vibrations which influence the cells and cause alterations in the genetic redou? (code)

Scientific experiments have even shown that the DNA of a person which was isolated and brought to a distant place under vacuum conditions reacted to strong emotions of the person independently of the external distance in the very same instant as certain emotions were expressed as if the DNA was still in that person's body

Through such experiments it is confirmed based on modern science that there is a direct influence of our emotions and thoughts beyond space so that we can influence even people on the other side of the earth at the very same time we are thinking of them

In the past scientists thought that genes are independent, that they can activate and deactivate themselves. But now we know that our thoughts and emotions have a strong influence on our DNA, so that it is now scientifically confirmed that our way of thinking and what kinds of feelings we harbour in our Heart has a direct influence on the wellbeing of our physical body

Based on all the insights gained by science and by people who research the inner realm of our universe it is absolutely clear that behind the situations we are faced with in our life exists the realm of cause which is influenced by our own feeling and thinking

The core of our basic situation cannot be denied: Our emotions and thoughts have a strong influence on our DNA and our DNA influences our surroundings. From this viewpoint it is true that we are the creator of our own world in which we live according to the preferences we chose

Whether we are aware of it or not, our life is much more determined by our emotions than our concepts. Therefore we need to have a closer look at what we are feeling in the various situations that we experience

When we harbour some desire in our Heart then we send out an energy which causes some result or consequence which in turn will affect ourselves. If we want to see a bright future ahead of us we must focus on bright thoughts and especially on uplifting emotions

Miracle of Love 22

Through deciphering the human DNA scientists learned that only 3 to 5% of the DNA determine our genes. The rest was called junk DNA as they did not see any purpose in the remaining 95%

Naturally the question arises, what the overall purpose of the DNA is. The result of scientific research is that 95% of the DNA is needed for communication. Researchers came to understand that the DNA is part of a much broader range of biological signals and it can support us to gain a stronger input of signals for the reconstruction of cells, molecule by molecule within the greater communication system of the body

What has become very clear is the fact that the greatest part of the communication among the DNA is happening through light, so-called bio photons. And surprisingly each cell is eager to store light, it is actively taking in photons

Not only through our Heart and our brain but also via our DNA we are sending information out into the world. It is equally important to be aware that the DNA enables us to receive and to store information

At any moment, we are sending and receiving impulses. Everything we are sending out is integrated into a cosmic field. One can say that we do not only live in a big field of energy but we are constantly interacting with it. The more we are aware of this fact the wider the possibilities for our brain to interact with this field and to receive information

There are many ways of thinking or states of mind which we may call morphed fields of the spirit. When we tune into these field we are beginning a journey which we can use to reprogram our genetic code by interacting with the original pure energy field

By focusing on concrete emotions and thoughts we will be able to see them fulfilled. Our desires are realized based on what we think and especially in which way we feel, what kind of emotions dominate in our life

The strong energy that is sent out by our Heart has not only the potential to influence our own body but the matter that exists in our surroundings

For many years an atom was understood as existing of protons and electrons that have a concrete form but in more recent years it has become absolutely clear that protons and electrons do not exist as concrete matter but as a concentration of energy in certain places

The smallest units are not units consisting of solid matter but they exist as energy. The closer scientists came to the core of an atom and the exacter the investigations of electrons became the more dissolved these particles appeared in front of the scientists

What was once considered to be a solid consistent particle turned out to be a vortex of energy? Atoms do not have a physical form. Matter only appears to have an external form at its core but by observing and analysing matter with the help of an electron microscope it became clear that matter consists only of energy models

The fact that matter in the form of solid particles does not exist but only energy has of course far-reaching consequences. There is no matter as such in this universe. Everything that we may perceive as solid matter is actually only energy.

It is a revolutionary discovery and not only an interesting fact that the energy fields that build up an atom are the same as the energy fields which we create through our emotions, feelings and thoughts

This epoch-making insight enables us to build the world we would like to live in because it is through our way of thinking and feeling that we create the reality we experience

Through quantum physics we know that an atom changes if the electrical field of the atom is changed. That means every atom can be influenced by us independently of time and space

From this viewpoint we can understand that a human being is an energy model like a standing wave that is interacting with all the other energy waves. The whole universe is a combination of interacting energy patterns

How strongly the influence of emotions and thoughts can influence matter can be seen for example through the pictures of water crystals by the Masaru Emoto. Through the work of this and many other scientists it has been undoubtedly shown that we can bring about changes and make a difference in the structure of elements if we invest energy

Water molecules react to thought and emotions, to words and pictures as well as to music. When we consider that we exist of more than 70% of water we may realize how strongly our emotions and thoughts are actually influencing our body besides our life-style

There is no alternative to focusing on positive emotions, on positive linguistic and positive creativity. Collectively we need to achieve a breakthrough based on a positive way of seeing things, most of all by putting the highest quality of True Love into the centre of our concerns and efforts

Just as we are influenced by others based on the resonance that exists between them and us we can exert a positive influence on others and draw more positive elements into our life. By cutting ourselves off from negative resonance field we are able to build more and more positive field of resonance with others

If we surround ourselves with negative elements then we will be influenced by them again and again even though we may try to make positive changes. Our efforts will be hindered and we may very well fall back into old patterns of behaviour. Therefore it is essential that we create a positive and uplifting surrounding which is beneficial for the development of our Heart

Miracle of Love 23

If a person grew up in a loving home then it is always an uplifting experience to return to that home or to be reminded of it. We all want to live in a realm of Love because it is there that we find deepest fulfilment

Children are born and raised based on the Love of their parents. Just as Love stands at the beginning of the earthly life of a human being it is natural that the ultimate root of all humanity can be found in a Loving Creator

By studying the genes of several hundred thousand people from all around the world it was shown that all human beings have 99.9% the same genes and our ancestors can be traced back to one common origin of people who lived in Southeast Africa

From this viewpoint it is clear that we all are closely related with only tiny differences in our genes which developed only in the past tens of millennia of human history. Essentially we are all one big human family with one common father and mother as our genes differ only on minimal levels

Therefore it should be natural for us to go beyond any kinds of cultural or religious barriers and come together as brothers and sisters who care deeply for one another because we share one common heritage whereby our differences comprise genetically only 0.1 percent

Charles Darwin proposed the theory of universal common descent through an evolutionary process in *On the Origin of Species*, twice stating the hypothesis that there was only one progenitor for all life forms and ending with *'There is a grandeur in this view of life, with its several powers, having been originally breathed into a few forms or into one.'*

Darwin's theory asserts that all currently living organisms on earth share a common genetic heritage with each being the descendant from a single original species. In the meantime this theory was shown to be true by studying the human gene

Now that it is scientifically proven that we all have common ancestors should we not go one step further and ask whether there is also one common origin of all existence in the form of one Creator who initiated the development or evolution of the universe?

Remains only that all people living on earth take the undeniable existence of a Creator to heart and live accordingly as true brothers and sisters of one great human family with Yahweh, God, Allah or whatever name one may want to use to refer to the Ultimate Origin of the universe, as our common Eternal Parent

The basic method scientists use in order to gain knowledge is to set up a theory and then to check if it holds true to the reality found through observations and experiments. In this way it was possible for scientists to find the laws and the insights into nature which enabled us today's highly developed standard in the realm of technology

Nobody takes a person seriously who claims that his mobile phone came into existence by chance because we all know that the creative efforts of people produced this device. Similarly it is absolutely clear that the existence of the universe can never ever be reasonably explained by assuming that it came about based on random mutation without a creative force behind the many forms of life we find on our planet

The more one studies the various fields of sciences the clearer the existence of a Creator becomes. One by one, in each area of study, it is overwhelmingly clear that behind what we perceive as matter which surrounds us contains concrete invisible information which is expressed in the many forms we see in this world

Let us start by looking at the human brain. Already at birth, a baby has more than 100 billion neurons in the brain with each one of them capable of dealing with up to 10.000 different inputs independently from each other. This means that one nerve cell alone can be in 10 to the 3.000 different functional states

Let us stop and reflect about what this means. In the course of nine months a brain grows that consists of 100 billion neurons whereby each one of them is equipped with several thousand connection points which are each capable of receiving information and giving impulses independently from each other

It is impossible that such a most sophisticated structure could have come about by random mutation in the course of some evolutionary process. To make such claims is similar to saying that computers have come about by chance without any creative efforts by human beings

A single neuron of the brain can not only be in 10 to the 3 (one thousand) or 10 to the 6 (one million) different functional states, not only one billion (10 to the 9 or giga) nor only one trillion (10 to the 12 or terra), not only one quadrillion or one septillion (10 to the 24) but up to 10 to the 1000 different functional states, as the brain neurologist Professor Dr. Ernst Poeppel confirmed

Dr. Ernst Poeppel has always tried to bring scientific knowledge to general public through books, articles for non-academic audience and a TV series on 'Magic Universe of the Brain'. He is working together with specialists in various countries based on his conviction that scientists are natural ambassadors

Scientists are indeed natural ambassadors to connect people and as it has turned out, it is the world of science that provides the confirmation of the existence of a Creator of the universe, what can be understood by the simple fact that a single human brain cell is capable of more functions than what we can imagine. There does not even exist a common name for the number 10 to the 1000, the amount of the possible functional states of a single brain neuron

We have not only one but one hundred billion brain cells. This means that the number of connections that can be established in the brain of every human being after a mere nine months in the mother's womb is an astronomical, unimaginably high number: 10 to the 1000 times one billion

When we look at these numbers with an open Heart and mind we can only be in awe how such an immense capability is developed in such a short time. The most modern state of art computer seems to be

rather primitive compared to the indescribably high number of versatile functionalities the brain of a new-born baby is capable of performing

The proof for the existence of a Creator of the universe can be found even in a single brain cell. One does not need to be a scientist to come to this conclusion but there are other countless evidences that point very clearly to the existence of a creative Being as the very origin of the cosmos

Miracle of Love 24

The final destination desired by human beings is a place where we can experience heartfelt unity in deeply loving relationships. In order to understand the miracle of Love more deeply it is important to reflect about the origin of Love, our Eternal Parent

It is said that God is the original being of truth, the original being of goodness, the original being of Love, and the original being of life. But what does this mean? All these have the same meaning: our Creator is a Being of Heart

In order for the truth to be established, Love and life are indispensable. The central core - the original being of life, original being of Love, and original being of truth - is God, the Eternal Parent of humankind

What kind of being is God? He is both the Father and Mother of all men and women. God created human beings as His/Her children, longing that we grow and mature in Heart and become able to become in Love

God's Love is unchanging and eternal, and it appears on the foundation of an unchanging Heart. Thus, for our entire life, we should eat for the sake of that Love, sleep for the sake of that Love, and act for the sake of that Love. As long as we have an eternal and perfect standard for the sake of Love, God's Love will appear

God is our Father/Mother who worries about us as His/Her beloved children. Our Creator is that kind of parent. Going in search of the essence of such a parent is the way of goodness and the way of True Love. Human beings, as God's children, need to receive God's perfect Love

Where do God and human beings connect? They connect where their lives intersect, their Love intersects and their ideals intersect. What is this point? It is the place of the parent-child relationship. From this point of view, God is the subject partner of Love, the subject partner of life, and the subject partner of the ideal

What happens when you come in contact with God's Love? Your hair will dance, and so will your cells. When you become a hundred percent intoxicated in this Love, you will want to live forever in this precious realm

Why are human beings seeking eternal life? We are seeking an eternal partnership of Love what is possible if we unite in Heart with our Creator. In this way we can have the value of object partners of Love before God, who is the absolute subject partner, and because we will inevitably live eternally before the God of absolute Love

When we become connected to the realm of God's Love, what kind of feeling will we have? We will feel as if we are looking at the beautiful flowers and smelling all the fragrances in a spring garden. At such times all our cells will dance

If God's Love is the vertical Love, the Love of a man and a woman is a horizontal Love. If a man and a woman are to meet, they must engraft their horizontal Love onto the vertical Love. It must join at a ninety-degree angle. A Love that does not fit this and is not connected to the vertical standard, will not last

Hence, when you enter the realm of True Love where the vertical and horizontal are aligned, you will be able to have dominion of Love over all things because everything responds to unconditional pure Love

When you have a heartfelt relationship with the whole universe, you will not look for external things but you will want to live eternally within this precious realm of True Love

God is interested in our Love for each other. Our Heavenly Parent wants us to live in a realm where True Love is present, filling our Heart so that we overflow with joy

What our Heavenly Father/Mother is longing for more than anything else is to live in the realm of oneness with us as beloved sons and daughters

There is only one thing God needs, and it is Love. Can God receive Love by Him/Herself? You may wonder whether God cannot just receive Love as He/She pleases but it is not like that. What God needs most is a partner with whom God can share True Love

Among all forms of Love, that which is invisible is the highest. If Love were visible, it would not be so interesting. It is because Love is invisible that it can be the highest, widest, and deepest

It is correct to say that in order to find such a precious God, we need to enter a selfless state, a state where "I" do not exist. God resides in an invisible, quiet realm that is deeper than we normally perceive

All kinds of things happen when a man and a woman fall in Love. But if you find a way to find God and really taste God's Love, you will see that God's Love is beyond comparison with anything in the world

If there is someone who has tasted such Love, no suffering and no sorrow would be able to conquer him or her. Should there not be such an absolute realm of liberation? Finding it becomes the issue

Since God is an Absolute Being, there is no other place to attend Him/Her other than focusing on the invisible realm of True Love

Miracle of Love 25

The people in Love want to go together, be together, and live together. Ideally they desire to live together in the embrace of the all-embracing Love of our Heavenly Parent

Which comes first, Love or life? Love comes first. Just because the universe came out of God's life does not mean that life is highest. It says that Love is highest

Although God started creating heaven and earth with life, the starting point and motivation of this life is Love. It is because of Love that life came into being

When a man and a woman come to stand in the position representing God centring on Love, they become connected to everything in the universe. When this happens, everything God possesses becomes theirs

How valuable are the sons and daughters embraced in the bosom of Love and born in an environment of Love! If there is one completely selfless person in the universe whom God wants to visit every day to look at him, touch, and whisper quietly to, how precious and happy that person would be!

When we have grown and matured in Heart we will be empowered to live as such a central person in the universe who has learned to embody True Love to the fullest extent

We human beings, as creative masterpieces produced by God, were born resembling God. Because God is eternal, we also must have an eternal character, and this is why our mind does not age

What is the holiest thing in the world? The holiest thing in the world is True Love. True Love begins from God. If God exists, there is no other route

What God truly desires is the way of True Love and that without going through the way of True Love we cannot go before God. God wants to see, hear, eat, and touch through Love. Let us therefore live with such a mindset which is completely focused on unity with our Heavenly Parent

Children are the fruit of their mother and father's Love and the result of their investment. They are the extension of their mother and father's life and the realization of their mother and father's ideal

Those who have had children and given their Love to them will know. This is why they say about their beloved sons, *'This is the substance of my Love, the extension of my life, and the realization of my ideals - my second self.'*

Since children are born on the foundation of Love, life and ideals, the more their parents see them, the more adorable they become, the more their lives are filled with vitality, and the more they appear as ideal partners

Why do children long for their parents? It is because their house of Love is there. Parents, as subject partners of True Love, are absolutely needed for every child

Although parents may sacrifice themselves, they want their children to grow up as wonderful people. True parents are unchanging masters of Love

Why do we respect parents' Love? It is because they sacrifice without expecting anything. They do not want any return from it. They are satisfied with loving, and happy just with that. They are happy just with giving

Parents' Love towards their children is not merely Love based on ordinary reality but a Love that comes from their bone marrow. They cannot forget, even if they try, and they cannot sever it even if they try; such is the Heart of Love parents possess

When they feel that they have a connection of life with their children, parents naturally develop a loving Heart toward them. It is our blessing in life to develop this precious realm of Love

In loving their children, parents do not assert themselves but Love the children selflessly. This is the standard all fathers and mothers need to embody in order to be able to raise their sons and daughters well

Loving Parents have an unchanging Heart towards their children, although the children may do all kinds of unusual things. The unchanging Love of parents is indeed precious

Although parents may suffer greatly for their beloved children, they do not feel it as hardship if they love their children from the bottom of their Heart

What is the parent-child relationship? What kind of relationship is there centring on Love? In the parent-child relationship, the parents' Love is the cause, the children are the fruit and result of Love. The result and the cause did not begin separately but in the same place

Miracle of Love 26

What does it mean to say that the Love of your parents is the cause and you have appeared as its result? It means that you have come as the result of your parents' Love in the present. In the parent-child relationship, children are born in the equal positions of the cause and result that are one in Love

The parent-child relationship represents the vertical aspect. Thus, the Love in the parent-child relationship cannot change. This has been the case throughout history, hasn't it?

Conjugal Love possesses four directions because it is connected with the horizontal aspect. Thus, parents cannot forsake their children, nor can children forsake their parents

The joy with which the children relate to their parents should really be a joy that represents the world, and the joy with which the parents relate to their children should be a joy that can satisfy the desire that represents the world

The parent-child relationship really must be the fundamental root of the universe. We can conclude that the fundamental root of joy begins from there, and if sorrow has a beginning, there is no place that is more sorrowful than this

Where were we born? We were born in a place where our parents' Love blossomed like a flower of great beauty. This flower blossomed beautifully, and, what's more, it had a fragrance; it blossomed as a perfect flower whose fragrance was loved by the mothers, fathers, God, and even the whole universe

Children are planted as seeds in a place of joy, a place where their mothers and fathers born as men and women encapsulating the universe made their Love blossom. This relationship cannot be severed because the cause and result started in one place

The source of parents' Love, which is the cause, and the Love you have in your life, which is the result, are one. In this sense, it is possible to say that a parent and a child are one body

We receive our parents' Love from the time we are in the womb. The Love and all the attention of our parents should be focused on us from the moment our mothers become pregnant with us through the essence of Love

As children we are the fruit of Love. We were born in Love and receive a connection of life through Love. When we grow up in Love and reach the time when we can meet our partner, we move to a new level of Love

Nothing can destroy the parent-child relationship. It cannot be destroyed, broken, or abandoned from the standpoint of True Love

The parent-child relationship cannot be severed no matter how hard you try. That is because it is your children who have the nature of a subject in your Love and life. If you cut that off, you come to stand in a position of denying yourself and denying your life

Hence, parent cannot deny the fruit of Love. This brings us to the conclusion that a father and mother can give up their own lives for the sake of their children

A place where loving parents embrace their loving children and rejoice receives its natural protection because such a situation is in line with the ideal of creation

What on earth is original Love? It is the Love by which parents can give their life for their child. Their Love goes beyond their own life. Originally, the universe was not created for the sake of life. Because it was created for the sake of Love, it is Love that comes first

Thus, it is rather that life goes along with Love, and not that Love goes along with life. Thus, genuine Love acts by sacrificing life and by going beyond life. This is the Love of Heaven, a Love that can connect with the universe

Why is it that we cannot help loving children? It is because loving our sons and daughters is like inheriting God's great work of creation on the horizontal, substantial level. We are feeling the joy God felt after creating Adam and Eve. We are inheriting God's Love and God's authority to create

Although people may not understand this, parents who have raised many children can see that their Heart of Love is wide, large, and deep. They are standing on a broad foundation and are often living with wider and deeper Heart than others

People are born in Love and grow up while receiving Love. Each of us is the fruit of our parents' Love. We are the visible, real fruit of what our mother and father's Love is like

Parents love the person who is the fruit of their Love. Through this fruit the infinite Love bears fruit yet again. Here is the path whereby we can be connected to individual Love, family Love, tribal Love, global Love, universal Love, and even to the fundamental Love of God

You are a unique participant and companion in Love in front of your parents. With Love, you can be equal to your mother and father and rise to an equal position. This is a privilege of Love

Parents want to bequeath everything they own to their sons and daughters, whom they truly Love. To inherit the universe, you can jump in and inherit a hundred percent when you have found an equal position of value of Love in the tradition of True Love

This is why parents want to have children of filial piety. Children of filial piety pass on the inheritance of Love as participants in the eternal Love of their parents

A baby, who is born through Love, can do whatever he likes, and you do not dislike him; rather, you like him no matter what. This is because that baby is made from your flesh and blood, and is a second you, created through Love

The Love between the parents and children comes from the parents. We receive our parents' Love from the moment of birth. We receive parents' Love and grow up, and then engage in the horizontal Love between husband and wife

In order for the Love of the husband and wife to continue, they must have children and Love them. The parents can feel genuine Love only when they have children

The Love of brothers and sisters alone cannot tell us what parents' Love is. We can come to know that Love only when we have experienced the circular course starting from your parents and completing the circle by becoming a parent ourselves

To each of us, the Love string of our mother - our parents - and the string of our ideals are connected, and this cannot be cut off by anyone. Rather, all the power of the universe is protecting it. Thus, wherever I go, my parents will follow me. My parents always want to be with me, even in the spirit world

It is from our parents' Love that we were born. We were born by being engrafted to our parents' Love. Before the connections of life and of lineage are made, through Love, the connections of lineage and the connections of life are in place

Why is it that each individual is so precious? Each person is not precious just because he has life, but because he has participated together in his parents' Love. It is parents who have loved, but it is the individual that is the fruit of their Love. Each one is precious because he is born having both the beginning point and the fruit

Genuine parents will strive to continue the tradition of Love. This is the same for Orientals and for Westerners. All parents try to establish the universal tradition of Love by transcending their own tribe. People, whoever they are, try to bring together their family in completeness and harmony and live a happy and peaceful life

Which is greater, conjugal Love or the Love between parents and child? Western people think that conjugal Love is greater. But that is not so. Love for a child is greater than the Love between husband and wife

In conjugal Love, the husband and wife fight because they think the other does not love them, but parents and children fight thinking they must love the other more. This is because the Love of parents and child is the centre and vertical, and follows the road that is close to the ideal

Thus, we find that the Love that serves others is closer to genuine Love. However strong a man may be, and however tough a woman may be, they will bow down to that Love

The reason parents are precious is that they give for the sake of their children. So things come to be the other way around: when the parents get old, they become children

Long before, the parents were their children's teachers, but as they become seventy and eighty years old, they become like children. At that time, the child takes the place of the father or mother. The child should love his parents just as they raised him. This is the principle of heaven and earth

Man is a being having God's yang image, and woman is a being having God's yin image. A married couple is like the wrapping of heaven and earth in a cloth. They can feel the Heart of God's ideal Love

God is a being with dual characteristics vertically aligned, and human beings are physical beings with dual characteristics horizontally aligned. As such, the ideal of husband and wife is for the two to become one and form a completely rounded. This would serve as a parent body able to pull and attach the ideal of Love in the four directions, having the form of their four characteristics

When the husband and wife Love each other explosively on the basis of the Heart of loving God and loving humankind, God and the universe will be enraptured by this couple. This Love cannot be anything other than that for the sake of God and humankind

Where does the root of this Love lie? It does not lie within oneself. God is the source of Love. He is the source of Love for humankind

What is an ideal married couple? It is a couple who can realistically manifest the highest art and a couple who can manifest the highest literature. When we encounter the highest ideal and highest world of culture, we can see that the sweet Love shared by a husband and wife is the highest Love and the most sublime work of art in the world

The life of a husband and wife who have perfected their ability to love should be a most sublime work of literature; it should become the subject of a literary work

Miracle of Love 28

Love is eternal. When a man and a woman are joined together in Love, they will live together on earth for a hundred years or so and after they die they will gladly live together eternally

Although they have two bodies, they become one body, and as they rotate together they create oneness. When their two bodies become one, they come to rotate with God and establish a four-position foundation of Love

This is nothing less than the ideal world. False Love cannot invade; only True Love can dwell there. The perfection of the Love of a man and a woman is the perfection of the universe

A husband and wife who are joined together by the Love in their Hearts should create a family whose members' mutual affection has, through a lifetime of experience, gone beyond the sphere of their own daily lives. That Love should merge without fail into oneness with God's purpose

Through their becoming one in Love as husband and wife, a couple attains the capacity to create in the same position as God, and their child is the result of that attainment

Heaven is looking for a husband and wife who are bound together as a pure man and woman and can represent heaven and earth with a passionate, crimson-colour Heart of Love. You should have such a Love as a husband and wife and raise your sons and daughters in that Love

The scene of a man and a woman hugging and kissing is one of the generating the light that is to illuminate the path of Love. When a white light appears there, colours should be added to create a light of colourful brilliance. When these lights are mixed by the vertical Love of God, they will be transformed into a splendid, ideal world of brightness - like the colours of the rainbow

A bride and bridegroom should unite through the original Love of God. They should create a family that Loves God, with the wife living for the sake of her husband, and the husband loving his wife

The melody God likes most is the laughter of a husband and wife who are happy in their Love for each other. When such a couple lives a life with the Heart to embrace the world and accommodate the entire universe, that laughter will spring forth naturally. In God's eyes, the beautiful sight of such a couple would be like a flower

A conversation between a loving husband and wife is more beautiful than any poem or painting in the world. Furthermore, how beautiful and splendid are the words that people who are in Love exchange

According to people's original nature, they do not want their partner's Love for them to be divided. The completeness of the horizontal Love relationship between husband and wife is destroyed if that Love is shared; whereas, this is not so in the vertical Love relationship between parent and child

This is because of the Principle of Creation, which mandates that the husband and wife attain absolute oneness in Love. In Love, people have the responsibility to absolutely care for their partner

A man and woman come together to realize perfected Love and to build a family. If they are a couple that is bonded by the strong power of Love, they will feel joy and have Love for each other no matter what he or she does

Through Love can greater things come forth. Loving couples that live for the sake of others will give birth to wise princes and princesses who will be able to contribute to the full essence of heaven and earth

In terms of physical strength women are weaker than men but in terms of Heart and affection women are higher. Men's Love is generally more broad, extending to the world. Women are higher in terms of the Love for their husbands and children, but men have a deeper Heart of Love for their relatives and country

This is why we learn from our mother how to love our sons and daughters and our family, and from our father how to love the world. To lean too much to one side creates instability; a balance is struck by linking these two kinds of Love together

A husband and wife can be considered a pair; however just as every face differs, people's fortunes differ. They have different destinies in life. But as they are connected through Love they can make up for the other person's deficiencies

Even if the husband has a bad destiny, if his wife has a good destiny, her destiny can change the husband's destiny for the better. Conversely, even if the wife has a bad destiny, if her husband has a good destiny, this can change her destiny for the better

Therefore, we can say that the destiny of husband and wife is like creating level ground by tearing down mountains and filling up valleys. After creating level ground, they can plant trees, plough fields, and pursue a variety of plans for their Love as they keep the ideals of husband and wife

From the standpoint of such principles, you should not just see the external appearance when you find your spouse. It is decisive to see not only your spouse but the background of this person's life

When conjugal Love catches fire, two lives become one and then the lineages unite and start boiling in Love. In the midst of that, the owner plants the seed. When the male-life essence and the female-life essence meet in True Love new life is created that will bring great joy

Miracle of Love 29

When people achieve perfection, they attain divine nature, become perfect like our Heavenly Father/Mother, and attain divine value. Though God is the Absolute Being, He/She cannot fulfill the ideal of True Love alone, for that requires a partner

We need to understand the relationship between the beginning and perfection of God's True Love and the True Love of human beings. If God had not established human beings as the absolute object beings of True Love, and instead tried to achieve the beginning and perfection of His True Love, without human beings, what would have happened?

The motivating forces of the True Love ideals of God and humankind would have been different, and consequently the direction and purpose of the two Loves would have been different. Unity could not have been achieved

Where is the starting point of human perfection? It is the place most precious to God and human beings, the basis for the continuance of this universe. It is the origin of all elements at the time of creation. In short, it is Love

What God wants is to achieve oneness with humankind through True Love. The oneness of God and humankind! This signifies the realm of the union of God and human beings. They need to become one face to face, Heart to Heart

Even all the elements and the smallest creatures go toward the way of Love. They are moving toward being the cells of humankind that can directly contact the Love that is one with God. For this reason, we should invest ourselves for the sake of True Love

We should feel that all creatures of God are objects of our Love. We should be people who can love, and be loved by, even the smallest forms of life, not to mention human beings, as well as everything visible and invisible in Heaven

The teaching that can connect with the ultimate world of Heart should be one that can tell us in detail about God's most sorrowful state. God is not just feeling happy and wonderful; on the contrary, His/Her plight is a deeply sad one. He has been mistreated and is overflowing with bitter grief

How grieved God has been about the history of sorrow where He/She could not be the King/Queen of the universe. Our Heavenly Parent has been mistreated in many ways by His/Her own children

Because there has never been a unified people or sovereign nation that God could govern, our Eternal Parent could never manifest His/Her authority and dignity as the all-knowing and almighty God. We have to know our obligation as the sons and daughters, children of filial piety, loyal patriots and upright men and women to relieve God's pain and comfort His/Her sorrowful Heart

Our Hearts break when we understand God's lonely, desolate position, not surrounded by the environment that should have existed, robbed of His/Her rightful place by the self-centred children. How much have we wept in sympathy with God's situation?

What is God's will? It is the fulfilment of the ideal of creation. God will say, 'How happy I am!' when this ideal is realized based on True Love. How very miserable God has been at finding Him/Herself constantly alone throughout history! Let us therefore turn swiftly our Hearts to our Loving Heavenly Parent

We naturally want to protect our beloved at the risk of our lives. It is the original ideal of creation to do so. The same is true for God Himself, who loves His children ever so deeply. Our Heavenly Father/Mother have been sorrowful due to the separation from us, the beloved children who live in ignorance of True Love

What kind of being is God? He is the original True Parent. But His/Her position as the True Parent was usurped, and this resulted in something occurring that had nothing to do with the original ideal of creation. We are now in a position to liberate our Heavenly Father/Mother for His/Her deepest sorrow

We should have the true Heart that God seeks. God comes to find True Love. Should there not be a true son and true daughter whom God has sought throughout the providence of salvation to open the way of all people to return to His/Her loving embrace?

Could we not imagine a situation where God would embrace a true son and a true daughter who have matured in Heart forget to forget themselves completely and live wholeheartedly to bring deep comforts to our beloved Heavenly Parent? Every man and woman should be able to do that

Can you imagine how much it breaks God's Heart to observe human misery every hour of every day? What happened to God's dignity when His son and daughter, whom He intended to glorify as prince and princess, became cripples, stuck in the prison of self-centeredness?

Human beings today are not God's children. No matter how much God weeps, we pretend not to see His tears. No matter how sorrowful He/She is, we pretend not to see. This is the overall unspeakably sad reality. Who has a caring and sympathetic Heart for our Heavenly Parent?

God, who is our Parent, cannot free Himself from lamentation without freeing all people from lamentation. How can any parents be comfortable while their loving children are living in anxiety? This explains why we should liberate God who is in such a situation

How will we liberate God? God is restrained from loving all people; we are responsible to find a realm of liberation in which God can freely love all of humankind. We can do this by becoming ourselves the ones who embody True Love as true sons and daughters of our Heavenly Father/Mother

So far we have looked to God to liberate us, but in fact, we have to liberate the Heart of God so that our Heavenly Parent can be happily united with all humankind in a loving parent child relationship. Let us do our very best to become true sons and daughters of God

Miracle of Love 30

Everything in the created world is made by God as a textbook so that His beloved sons and daughters can find and nurture the ideal of Love. The created world therefore has correlative structures. Minerals function through the relationship of subject partner and object partner, protons and electrons interact within the atom in subject/object relationship

Without interacting, they cannot exist. Without being in motion they cannot continuously exist. With human beings at the centre, the universe was created to relate to that central point

The universe is a mysterious world. With the most devoted effort our Eternal Parent created it for the sake of His/Her beloved children, and indeed how beautiful it is! So when we look at this universe with a grateful Heart you cannot but be overwhelmed with wonder

The perfection of the universe does not just involve the external world rejoicing but also requires that my innermost self also rejoice. In rejoicing, both my mind and body will be joyful, and all my cells will be delighted

Adam and Eve, born as the first children of God, were to grow from childhood to maturity in the realm of God's protection. Since their intellect was to develop in this process, they would have come to realize why God created the world, and God would have educated them through the created world

The created world, with everything being in motion, was a textbook to teach Adam and Eve -who were to be our first, original ancestors - everything about how to live. Since Adam and Eve were not perfect, the world was given as a model and a museum showing them how to lead an ideal life

When you open your eyes in the morning and look at nature, it stimulates your original nature and causes feelings of a new ideal to sprout forth. As for the human world in the present state, the more you see it, the more despair and sorrow it may arouse in your Heart

If the world were populated by original people of goodness, the value of human beings would not be such as to stir sorrow in the Heart of the beholder. Human beings were supposed to be noble beings that could not be exchanged for anything in the created world

What is nature? It is an exhibit that God has given us as a gift, something our Heavenly Parent prepared for the birth of His/Her beloved sons and daughters. Even the song of a bird and a stem of grass growing are decorations prepared to bring beauty into the lives of His /Her beloved sons and daughters

God did not want things to be dry and monotonous, so our Eternal Parent created so as to establish a 'prince' of dreams and of hope who could look at this infinitely colourful and harmonious garden - this world of Love - and inherit it. Hence, we learn from all things of creation

We should know how to love nature and love people. Those who cannot love people or love nature cannot love God. Because all things of creation are symbols of God and because people are beings of His/Her substance, those who know how to love all things of creation and people will come to love God

We should feel that all creatures of God are objects of our Love. We should be the people who can love even all the minute forms of life and be the people who can receive Love from them

What kind of parents are genuine parents? They are the parents who know no limits because they love their children eternally. Genuine children are the ones who reciprocate the Love of their parents eternally with a loving Heart overflowing with Love. Such is the way of the genuine child of filial piety

Why do you need brothers and sisters? Brothers and sisters are those who are connected through the vertical and horizontal plane. Through their unity a sphere is formed. When the Love of brothers and sisters expands to a Love for all the people of the world, sibling Love transcends family

It is children of filial piety who serve and love the parents in a family; those who serve and love the nation are patriots; those who love the world are saints; a divine son or daughter loves God, the world, and the universe

Love is the essence that is moving reality and cannot be omitted from daily life or from history. Love provides the internal power that moves everything from a parent's Heart to our social institutions. This is why, when you are educated, you are taught to love your country

Brotherly Love, parental Love, conjugal Love, and worldwide philanthropy - all these things contain Love. We cannot connect to history without including the Love that is in the realm of people's daily lives and the course of history

What is a child of filial piety? They are not those who make devoted efforts for their parents but those who make devoted efforts for their brothers and sisters as they would serve their parents are children of filial piety

What is a saint? They are the people who have sacrificed themselves until now and died for the sake of all humankind

What is a divine son or daughter? Those who reach out to the world centring on God, who serve humankind as they would serve God are divine sons and daughters. The historical saints are those who have died for the sake of the people of the world

And who are the divine sons and daughters of God? They are loyal to God, but as they live for God they also live for the sake of all people

Miracle of Love 31

Why do we marry? We marry in order to resemble God. God exists as a unified being encompassing the dual characteristics of masculinity and femininity. Man and woman represent the characteristics of God. They must become one and become like a seed, thereby returning to God's original position

We should sing about the supreme sacredness of marriage. Married life is the path along which a man and a woman can love each other. A man and a woman must become one in order to resemble God, who created them in His image. Only then will God dwell with them

The purpose of marriage is to join together the man's and woman's worlds of Heart and to perfect the Love of each of them. If you have perfected your Love and your Heart through marriage, we can say that you have realized the ideal of the family

The husband is a man representing the world, and the wife is a woman representing the world. A family should start from a position of representing the world. The greater meaning of marriage is to serve the public will of all humankind

On a personal level, a bridegroom should have the attitude that he will raise his bride like his younger sister, love her like his wife, and serve her like his mother

In loving his bride, a newly-wed husband should start by loving her as a younger sister, and only then love her as your wife; in all, a husband should love his wife like his younger sister, elder sister, bride, and mother

The same is of course true for the wife, who by loving her husband as younger brother before establishing a conjugal relationship and also as father, will experience deepest fulfilment in Love in this way

To receive a taste of True Love, you must have a realm of the ideal, where a true man and woman join together through the efforts of their united Heart. When an absolutely God-centered man and woman join as one, God will come and dwell in their midst

A man is born for the sake of a woman, and a woman for the sake of a man. There is an original rule that whenever you assert yourself, God is absent, and whenever you respect others, God is with you. This can well be understood from the viewpoint of Heart

You can find true happiness only when you laugh, sing, and whisper together with your partner, both of you enraptured in Love. Those who can do this are truly happy people

God created humankind for the sake of the perfection of the ideal of Love. Therefore, the relationship of humankind and God is a relationship of the highest Love between subject partner and object partner

When does humankind reach perfection? It will happen only when a man and a woman reach a point where they make a connection of Love and understand the value of Love

In loving a woman with God's Love, a man should be able to say, 'I Love her completely. We share a Love that will not change from beginning to end.' Also, a woman should share such a Love. This way, the couple should see the harmony of heaven and earth in spring and start a new life in unity with this

When we look at our five senses; eyes, nose, ears, mouth and hands are all there for the sake of my partner. Do our eyes exist to look into our own eyes? True Love can fully mobilize and concentrate the five senses. Eyes, nose, ears, mouth and hands are tools of True Love, created for the sake of True Love

What is the most precious thing for a woman? It is a man. What kind of a man does she need? It does not matter whether he is talented or dull, whether he is crippled or not. The question is with which man she can find a Love of the greatest value

If a woman loved by God lives in the Heart of a man, and a man who is loved by God lives in the Heart of a woman, and they cherish each other, God will rejoice over it, and also all things will be happy together. Their joyful embrace will be of great importance in bringing joy to heaven and earth

The embrace of a man and a woman in mutual adoration is a point where the universe becomes one. This is what the original image is like that is realized under God's ideal

What is the original purpose for which man is born? It is undeniable that he is born for a woman. Conversely, a woman is not born for the sake of a woman. We should know that the problem occurs where she has not fully convinced herself that she is born for the sake of a man

Since God, the great master of the creation of heaven and earth, has stipulated this as an original rule of creation, we cannot enter the good, true, joyful and peaceful world, or the world of Love and ideal, without following this rule

As a youth, when you carefully keep a holy pure Heart you will bring God the greatest joy: the holy ground where a man and a woman with such a pure Heart can meet and become bound as one. This should be the place where the bride and groom meet

Young people must not defile the purity of their Heart during adolescence but have a firm principle and determination that says, *'Even if I live alone for years, I will absolutely not abuse Love.'* Let us educate young people to have such a precious attitude as foundation to find lasting happiness

Miracle of Love 32

In God's ideal, we are born in Love representing God, live in Love, reach the destination of Love by having sons and daughters, and return to God to live with Him eternally

In other words, our life begins with Love, matures with Love, and becomes harvested as the fruit of Love. A person's death is the point at which the fruit of Love is harvested

In the spirit world when God looks at you, if your Heart is filled with Love, you shine brighter and brighter. In God's eyes, this light looks more beautiful than the light of a diamond. Also, He relishes this light, and the more He looks at it, the more He/She Loves it

The air in the spirit world is Love. Love is the essence of life. In that world, you do not just breathe through your nostrils but also through the top of your head and through all your cells

If you want to live a full life in the spirit world, you have to completely develop a character of Love during your earthly life. This is a core central truth which all people need to know and gladly invest into learning to love on ever deeper levels

When you go to the spirit world, you will find that those who have deeply experienced in their family life the Love of parents, husband and wife, brothers and sisters, and children will enjoy a great deal of freedom; they can go anywhere in any direction without restrictions

The spirit world is an eternal place that seeks eternal elements. Hence, a spirit that has deeply experienced Love will surely go to that world automatically, as if being drawn by a magnet

People want to make a relationship of Love; they desire this in order to be in rhythm with the spirit world which exists as our ultimate dwelling place where we will live in a realm of True Love once we have matured here on earth in our Heart

There is not a single person who is not moved by the power of Love, and there is not a single person who does not become an object partner to the power of Love. There is not anyone who would not answer when asked with Love

Love can call upon everything to make it possible, and Love has the power to make things reappear. Therefore, the spirit world is a world of free and unrestricted movement where a Heart filled with Love makes everything possible

What attracts God most is the culture of Love. The greatest hope God cherishes for humankind is not for us to be wealthy or to become academics but to become people who are capable of living for the sake of others with a Heart full of True Love

Without Love, oneness cannot be achieved. When uniting two into one, words alone will not work. In order for two to be one eternally, there has to be Love. It will not work without True Love

From God's viewpoint, the essence of the universe is Love. With Love, unification will be automatically achieved. God created heaven and earth in order to give us the utmost goodness and Love

The power of Love bridges the distances between upper and lower and high and low. Love transcends space and time, allowing us to participate in the realm where we can immediately share joint ownership. This is an amazing fact

What are the fundamentals of the universe? Humankind is subdivided between men and women. For what purpose did they come into being? Why did human beings come to be born? The answer is obvious: for the sake of realizing the ideal of True Love

What is the central axis of the whole universe and spirit world? It is Love. Love is the origin of life and lineage. As they came into existence through Love, their motion conforms to the axis of Love

Motion cannot be carried out haphazardly. It only takes place between subject and object partners, and so everything moves in their appropriate positions after forming a Love relationship. The purpose of everything that moves is to continue its existence as a result of eternal Love

The origin of the universe is Love. How did God come into being? Love is the centre of all existence. Therefore, the conclusion we can reach is that even the absolute God needs an ideal which He will absolutely obey. Where there is complete obedience and liberation, there will be complete happiness

On what would the fundamental motive for the motion of the universe be based? It would not move centered on man or woman, or even God Himself. The motive that can move God and the universe is none other than Love

Why should we practice True Love? It is because the universe originated from the principle of True Love. Therefore, through this Love you can form a relationship with everything in the universe

In this kind of relationship, if one is positioned above, the other would be below, if one is on the right, the other would be on the left. This is how everything in the mineral, plant and animal worlds is arranged

Miracle of Love 33

When man and woman are in Love, whether their Love is in accord with God's will and the standard He/She requires of them is the question. If the first man and woman had become one in Love based on the Love of God, then their Love would have become the universal model of Love

God must have desired such Love from human beings. Likewise, man and woman must have wanted this Love from each other. Such True Love must be the core of the universe. It becomes the standard of measurement

God's Love and human Love are the same in essence. Love causes oneness. Why do a man and a woman long for each other? It is because a man can possess God only through a woman, and a woman can possess God only through a man

Husband and wife long for each other because God comes and dwells where a man and a woman have become one in Love. Considering that the source of the dual characteristics is God, we should simultaneously sing praises for the noble value of God and for the dignity and value of men and women

When God's beloved woman lives in a man's Heart and God's beloved man lives in a woman's Heart as well, these two become his object partners, and when they Love each other, God will be delighted to see this Love and all things will rejoice

Heaven and earth will rejoice to see a man and woman with these values embrace. When man and woman embrace each other in mutual fondness, this mutual fondness becomes the point where the universe unifies. This is how the original image unfolds in God's ideal

Originally, a man should meet a woman with whom he can rejoice, and a woman also should meet a man with whom she can rejoice. More than this, it should be an encounter over which both God and all things of creation can rejoice

Love cannot be realized by oneself. Where does Love come from? Love does not come from me but from my spouse. Since Love comes from my spouse, I must bow my head and serve her. This is where the heavenly principle of living for the sake of others originates

When something highly noble comes to me, I must honour and serve it in order to receive it. We must embrace the philosophy of living for the sake of others because this is the only way to achieve lasting happiness

When we are alone, Love cannot manifest itself. Love does not appear when man is alone, but only when woman appears as his object of Love. Only when the object of Love appears, does Love finally spring forth

We say that parental Love is good and conjugal Love is good because genuine Love is not something that is self-centered. Love is not something that starts from me but something that starts from my partner. This is an important timeless truth

Love comes from your husband and from your wife, and from your sons and daughters and from your brothers and sisters. Love does not start from your own self but from your spouse. Therefore, who is the owner of Love? Your spouse is the owner of Love

Where does Love come from? It comes from your partner. If your partner is homely or ugly, Love recedes; if your partner is nice-looking or Lovely, Love advances more quickly. The way in which Love functions is determined according to your partner's attributes: her speech, her scent, her smell, and her taste

Where is the base of Love? The base of Love is not me. The word Love must be used in reciprocal terms. No matter how handsome a man may be, if he has no partner, he is stuck because he cannot love alone

You may think that you are the base of Love, but there will be no progress in the future unless such a mindset is totally dismantled and transformed. Let us show that we have understood this truth well

Until now, wives have put themselves at the centre, and husbands have put themselves at the centre, with both wanting to be served. This has been destroying relationships. This attitude needs to be completely reversed

Since the basis of Love does not come from me, but from my spouse, if I am to possess that Love, I must sacrifice myself for that Love. Love requires patience and absolutely requires sacrifice but it will definitely result in ever growing joy

If we compare men and women, we see their contrasting features fit together well. Harmony unfolds between them. When we look at the physical structure of human beings, their left and right sides form a correlative pair. These two halves are bound tightly together to fulfill the purpose of Love

Which is more pleasing, a man harmonizing with another man or a man harmonizing with a woman? A man harmonizing with a woman is better because that reflects the harmony of the universe. We should live in step with the beat of the universe, the universe that promotes harmony through the harmony of yin and yang

When man and woman create harmony, they initiate circular movement. When man and woman become one body through Love and bear the fruits of Love, God comes down and they go up and they meet in the middle. God becomes the centre of this sphere, and spherical movement begins

The centre of the sphere is the place where harmony of Love is realized. It is the place where life emerges and moves, and it is the starting point of human equality and communal philosophy. This is so because the power of Love is there. Thus, the force that embraces all interactions of the universe is Love

Miracle of Love 34

For human beings Love is eternal. It is one and never divided. Once a man and a woman are joined in Love they are to live together for a lifetime and then eternally even after death. They are two bodies that become one body by uniting and revolving together

When the two bodies become one, they revolve as God does and form a four-position foundation of Love, the expression of the ideal world of Love. Only True Love dwells there and false Love cannot invade

When man and woman become blessed by God and achieve perfection, God comes to them freely. When they form a four-position foundation of Love, they will come to Love each other's mind through each other's body, and when they come to Love the mind their body will follow

What is the holiest thing in the world? True Love is the holiest thing in the universe. True Love originates with God. If God exists, there is no other way than the way of True Love

God truly desires the way of True Love, and without traversing the way of True Love, we cannot go before God. We have to know this point deeply

God wants to see, hear, eat, and touch through Love. As for human beings, if they receive a kiss of Love from God, their joy will make them feel as if they are going to explode from inside. This is where God's desire lies

The human body has five senses and every human being feels and confirms True Love through the sensations of the five senses. If the eyes are directed toward True Love, they will be coloured by and intoxicated with True Love

How beautifully those colourful, intoxicated eyes will shine! Think about how enchanting the smiling lips of a person immersed in True Love are. Try to imagine the intense beauty of the five senses moving in intoxication with True Love and the harmony of the five senses moving toward God

Alone, God cannot experience the joy of such beauty. He can experience such beauty only when He has a partner, and this is the reason God created human beings

How would God feel as He observed a beautiful man and woman absorbed into one another through True Love-intoxicated eyes, or kissing with True Love-intoxicated lips, and playing the melody of a Heart of True Love?

If there is an Eve of True Love, God would want to completely traverse her world of Heart. God would have an impulsive desire to explore the breadth and depth of this beautiful Eve's world of Heart.

God would want to traverse both Adam's and Eve's world of Heart, a world more beautiful than the created heaven and earth. It is certain that God would rather travel within the world of the Heart of a person of True Love than the universe

God would never want to leave Adam's and Eve's world of Heart and True Love. If, after God created human beings, He fell into their True Love and became a child lost in that Love, what kind of world would we have? Since God would dwell in their midst, the world formed by God and human beings becoming one would be a world filled with joy and beauty

If the True Love of God had been perfected, the God of responsiveness would have no regrets at being totally absorbed by True Love. God's nature is such that He would be totally happy with anything that happened within the realm of True Love

If human beings were to live in this world of True Love, they would live a happy life free from regret. Moreover, this world would be without war and free of complaint and misfortune

When you meet with someone you like and Love, you want to embrace and kiss that person. This is a natural instinct between the sexes. You can think you are meeting your partner in order to Love your surroundings - the universe. Finding a partner and establishing a relationship is a natural human behaviour.

When man relates to woman and woman relates to man under the ideal of partnership, there will be no acts or incidents that violate the order of Love. The True order of Love emerges only when man and woman meet on the basis of the ideal of partnership

True Love is that with which you Love with your entire bodies as one, and with your whole Hearts and blood vessels as one. Who are the people who can Love like this? It is a husband and wife. If there were no husbands and wives in the world, would life have any appeal?

When you look at the laughter of people intoxicated with Love, they are also reciprocal. When a man laughs, he opens his eyes even bigger, and when a woman laughs, she gently closes her eyes. If the husband's eyes get bigger and bigger, and the wife's eyes get smaller and smaller, we can say that they are a happy couple intoxicated with Love

When do a man and woman feel happy? We can say they feel happy when they become partners and share Love. When the man embraces and protects the woman with his strength and Loves her, she will be able to feel true happiness

The Love between a man and woman does not work just with strength or just within the mind. The woman will be able to experience a real feeling of happiness when the man confirms his loving Heart with his strength, and when she returns Love to him with her body and mind. They will be a truly happy husband and wife

Miracle of Love 35

Adolescents' minds and bodies receive impulses to search for Love. The eyes of the mind and eyes of the body move as one. With noses of Love, they come to like even smells they never liked before. With mouths of Love, they come to like even the tastes they never liked before. They want to listen to stories of Love, even staying up all night

If someone has sincere Love, even if he is a very ugly man, he will look handsome. Love is an amazing thing. Thus, whether you are a man or a woman, whether you are bright and good-looking or dull and bad-looking, you can never forget the first Love of youth

If a girl who has a life-and-death Love for someone is forced by her parents to marry another man, do you think she will be happy or miserable for the rest of her life? In her eyes, the man of her first Love looks as lovely as a flower, even if he has a twisted nose and ugly eyes

Even if the man chosen by her parents is someone everybody can praise in terms of looks, education, and so on, and the man she used to Love is dull and ugly, she still hears the whispering in her Heart for the man of her first Love

First Love occupies everything. Who is the subject partner of Love? It is God. Since the subject partner of Love is God, there is no one you can Love but God. Originally, you were supposed to have your first Love with God

The first Love Adam and Eve were to have had with God would have contained all the forms of first Love. The parental Love as the first Love, the conjugal Love as the first Love, and the children's Love as the first Love - all these would have attached firmly to God at the root

They are Loves that would have all bonded simultaneously. Within the first Love of God, all other Loves - parental, conjugal, and children's Love - would have bonded together all at once

The omniscient and omnipotent God created for human beings a time when they can blossom with brilliance, and I would say this is the time of youth. God created them in such a way that they can cultivate their happiness in the time of youth in Love

To the existing human world pursuing this ideal, God gave the Blessing called marriage as a gate through which a man and a woman can become happy in the glamorous time of youth

No created being has value in its existence aside from the ideal of reciprocity. Thus, for human beings, it is completely natural to receive the Blessing from God and get married after having grown up

When is Love connected? When does the force of Love start pushing you together? Men and women enter this state in adolescence, when their organs become 100 percent mature. Everything is at a standstill. It enters a state of saturation

The spirit and body can become completely one when the original Love is present within. Puberty refers to a time when the spirit and the cells of the body become one and can stand on a balanced line. The cells of spirit and body during puberty open all doors and welcome things with joy. Young people with a relationship with God will gaze upon the human world filled with joy and happiness as they reach puberty

But if they jump into Love in a rush to experience it based on feeling happy or because they are intoxicated with the intriguing feelings of Love, they can create a major problem. The door of Love opens only when the time comes, and you have to wait until the door opens before entering it. You should open it proudly after you become an owner of Love

When do you consider the optimum age for marriage? I would say the best time for marriage is when your mind and body are most vibrant and strong. As youth passes, vigour ebbs, and finding a partner becomes more difficult, even with a pure Heart of Love

Is there a place where perfect people, that is, a perfect man and woman, come to be? It is a place where they can receive God's Love centered on the public will of heaven and attend God as the subject partner after completely uniting their mind and body

When they come to such a place, they will stand in the position of a perfected man and woman. When such people form a family and make a start, this is a historic start. This is the beginning of a historic life course

Man's mind and body exist in the relationship of subject and object partners, and the mind and body generate the force of existence through their vertical and horizontal interactions

A woman's force of existence is maintained because her mind and body have vertical and horizontal relationships. Men and women all exist within reciprocal vertical and horizontal relationships and this force is Love. Only Love can forge an ideal relationship of mind and body eternally

The five senses of the mind and the five senses of the body of even a poor farmer in the countryside will completely merge and allow him to taste an indescribable joy when the passion of Love swells up and burns in his mind and body

If you have a point of settlement where God's Love can come and dwell in you, when God's Heart makes a wave, your Heart will also make a wave once, like the swinging pendulum of a clock. In this way, you will turn around together with God

Once you begin turning, you will keep turning around and around again. The centrifugal force becomes greater and greater and moves you to love your family, your society, your nation, and the world. In this way God's all-embracing Love is multiplied in us

Miracle of Love 36

When your mind and body become one and the time approaches when the gate of Love can open, your mind will resonate with the universe, and you can sometimes become a poet or novelist. Because you express a quality that makes Love beautiful and happy, you can write poems or novels with a theme of Love

With the eyes of Love open, the mind and body acquire a desire to make a three-dimensional relationship in the universe. Thus, we smile when we perceive the workings of nature in the falling autumn leaves or experience becoming one with a flower out of a desire to compete in beauty with the flowers blossoming on a hillside in spring

Why do men and women like Love? The human body consists of trillions of cells, and the time when these cells move as a whole is when one is in Love. You should know that the time when all the cells of the human body move together is the time when a man and a woman are in Love

When mind and body become one and shed tears of longing, the bones cry. It is the same in the case of animals. What happens when a female cow is in heat? It forgets eating. At that time, its entire nervous system makes it want only one thing

Likewise, when you Love and long for each other with your mind and body as one, there will be no cell in your body that does not move. All cells will lose a sense of individual direction and focus on one point. If you meet your partner this way, you will explode

The power of that explosion becomes an incredible force. What are we trying to do when we Love like this? We are trying to resemble God. We are trying to go to the place where we can participate in what God desires. In other words, we are trying to feel what God likes, together with God

The one son and one daughter are a son and daughter who have appeared as substantial object partners of the invisible God. As substantial object partners, the man represents God's plus characteristics, and the woman represents God's minus characteristics

According to the principle of creation, the internal nature of God is divided into two characteristics. God harmonizes the two characteristics, and re-unites them in a form that resembles His original internal nature in the unity of man and woman

Man and woman each resemble one characteristic of God when they are born. If once, the union of one son and one daughter is the unification of God's plus and minus characteristics. In other words, they become a harmonious being like God

For this reason, the two people, that is, the husband and the wife, are a union that represents the whole of God. The man becomes an incarnation of the True father's body by representing God's plus characteristics, and the woman becomes an incarnation of the True mother's body by representing the minus characteristics

Each man or woman is also a representative of God. When a husband and wife become one through Love, this is like embracing heaven and earth on the universal level

Since the husband represents all men, he is a representative of the father and a representative of the elder brother at the same time as he is the husband; and since the wife represents all women, she is a representative of the mother and a representative of the elder sister at the same time as she is the wife. Thus, they cannot but Love and respect each other

The man is the yang (plus) image of God, and the woman the yin (minus) image of God. The husband and wife together would be like wrapping heaven and earth in a wrapping cloth. Therefore, the husband and wife can feel God's ideal Heart of Love

The man symbolizes heaven, and the woman symbolizes earth. The two must unite, forming harmony and parallel lines. The relationship that is called husband and wife is not limited to itself. You should know that it represents heaven and earth

The perfection of the Love between a man and a woman is the perfection of the universe. If this Love were to be shattered, the order of the universe would be destroyed and the vertical world would be utterly demolished. The loving embrace of a man and a woman itself serves as an occasion where the universe becomes one. This is how the original image is realized in God's ideal

It is because of Love that human beings are born as men or women. Love can bear fruit when a man and woman become a husband and wife, thus becoming one. Since men and women are substantial manifestations of God's Love through dual characteristics, the separate substantial manifestations must find God's Love in order to unite as one

If they hope to encounter God's Love, the man and woman must become one in Love. Otherwise, they cannot encounter God's Love. By encountering God's Love, we live on a level equal to God. This equal level means a position where we can stand next to God

When a husband and wife become one in God's Love on the foundation of becoming completely one in Love, they can advance all the way to God's position. As well as going up to God's position, all that God owns comes to be my possession

The power of God's Love is so amazing. God allows them the authority of participation, and at the same time they come to inherit the entire ownership of God. The value of a loving husband and wife represents the central value of the world

What kind of place do you think the Kingdom of Heaven is? In short, we can say that the Kingdom of Heaven is a place entered and inhabited by perfected people who have learned to love with unconditional Love

When we consider how the perfection of God's ideal Love can be realized on earth, we reach the conclusion that it cannot be realized apart from men and women. God's Love cannot be completed without perfected men and women who possess the ownership of Love

Miracle of Love 37

True families must realize a family Kingdom of Heaven. The realization of a family Kingdom of Heaven will surely lead to the establishment of the Kingdom of Heaven on earth. Why is that so?

If you want to be stimulated in your current position by the real feeling of the Kingdom of Heaven of the future, you absolutely need a partner, and as you receive that stimulation in your family through your partner, you can deeply learn the ideal of the future heavenly kingdom in what you feel in your daily life today.

The husband and wife need each other in order to deeply learn this. This stimulation will enable the husband and wife to live eternally. Progress cannot move forward without stimulation. Conjugal Love provides stimulation to build the ideal Kingdom of Heaven

In other words, conjugal Love pulls the future joy into the realm of the present, gives stimulation, supplies the driving force, and brings them to that place. That Love contains the Love for the nation, Love for the world, and God's Love

Thus, that Love can pass freely anywhere. A married couple that loves each other on this earth with such a philosophy is always living in the heavenly kingdom

In the future, in order to realize the Kingdom of Heaven, just as a husband and wife Love each other, a married man should be able to Love all the women of the world with a Heart with which he loves his own wife

A man should think this way: 'I have selected my wife as a representative partner from among all the women of the world.' Likewise, towards her husband, a woman should think of him not just as a husband, but also as a husband who has been selected as a representative from among all the men of the world

While loving one man, a woman should Love him not only as one person, but also as a man representing all the men of the world. That man represents the father, the elder brother, and the husband. What does this mean? A woman should think of her husband as her father, her grandfather, as well as her elder brother and younger brother

Through such a connection, a woman should be able to Love her father, her grandfather, her elder brother, and younger brother. Only such women can have a partner. If you were to like only your husband and dislike your father, grandfather, elder brother, younger brother, and everyone else, this would violate God's commitment to the greater good

Therefore, what should you do? You should carry a Heart that can Love all men of the world, and have an outlook that your husband, as their representative, whom you embrace and Love, is a man who is like a fruit of all these relations

If you have a Heart that can Love your partner as your parents, your elder brother, and younger brother, by transcending all nations and borders, you can be regarded as God's son or daughter

A true husband is a person who says, '*Since I am born for your sake, I will live for you and die for you.*' It is the same with a true wife. If such a couple has a family where they are well suited to each other and live for each other's sake, going beyond their own selves, this family will inevitably become an ideal family, a family of happiness, and a family of peace

No matter how capable and talented a man may be, the motivation of his birth does not lie in himself, because he is born for the sake of a woman. Without women, can men be born? Conversely, even if a woman puts on beautiful cosmetics and boasts of being a famous actress, she is not born for her own sake

Hence, a man should have broad shoulders and a woman should have broad hips so that they can fit together well. Therefore, where are the ideal husband and wife of True Love? An ideal husband and wife appear when they serve each other, rather than their own selves, and when such Hearts converge into one

We can find ideal people or happy and good people in a place where people try to live for their own sake, but in a place where they try to live for the sake of others

The husband should be able to give his life for his wife, and the wife should be able to give her life for her husband. Since such a couple will be connected to the realm of God's Love and receive direct protection, their Love will be without end

People should Love their spouse as God's representative. If they love each other from a humanistic viewpoint, their shortcomings will be revealed and eventually they might even seek a divorce

You will be happy when you are able to give without limit, and able to give and take at any time as you please, whether in a deep place, in a low place, whether by night or by day. Hence, you will be miserable if you are unable to give even if you want to give, and unable to receive even if you want to receive

When a man loves his wife, he should Love her more than any other man in the world Loves her. Also, when a woman loves her husband, she should Love him more than any other woman in the world loves him. This is the ethics of Love to be followed by a husband and wife who have realized a true family

True parents live and die for the sake of their children. This is because Love is established there. Likewise, a wife and husband of True Love, a happy wife and a happy husband, can appear only when they live for each other's sake and become one in Love. This is an ideal married couple

They should make gradual progress in their Love. Through the wife loving her husband and the husband loving his wife, a couple should create a family that loves God and raise a family where the children learn through the example of their parents about unconditional Love

Miracle of Love 38

Each one of us, as an individual, has a mind and body in mutual conflict, and thus we should unite our body with our mind as the centre, preparing a foundation of reciprocity in our mind, where God can come and dwell.

When a man and woman sharing perfect Love and delighting in joy, in God's eyes this is like a flower that has blossomed on earth. Moreover, all the forms of harmony that unfold through their Love are like a fragrance to God. God comes to them because He wants to live amid such beautiful flowers and fragrance

What melody does God like most? It is the sound of the laughter of an eternal married couple that like each other and rejoice. When such a couple can understand and embrace the world and live a life with a Heart that can take in the entire universe, their laughter becomes natural. Isn't the beautiful sight of such a man and a woman before God like a flower to Him?

Looking at a mountain, a husband and wife may ask for whom the mountain has come into being, and also while thinking about the whole universe, they ask for whom has this universe been made? Then, they answer by saying that it is for me and at the same time for you. This is what a married couple is like.

Fulfilling the purpose of the birth of this universe and valuing the central purpose is the way through which a husband and wife can unite. The husband and wife talk to each other centring on Heart, personal character, and Love

This is how a husband and wife go together on go the same way. Between a husband and wife, are there a separate Love for him, and a separate Love for her? For them, Love is both your Love and my Love at the same time. It is your Love and my Love which unites into one

A person always needs stimulation. Happiness does not come without stimulation. So stimulation is necessary. The more the wife and husband see each other, the more they should desire to see each other and long to be together all day

Love has value when two people long for each other. In asking for Love, if you have a mouth, you should open it, and if you have eyes, you should open them. Only then, will the giver of Love be happy

How offended you would be if your Lover were not serious and behaved half-heartedly! Do you like to be together with or separated from your beloved? The closer you are to each other, the better. Why is this so? It is because everything works together

Lovers want to see each other again even after they have met, they want to see each other again and again. This way, you first stand one in front of the other, and alternate until you turn like a wheel of a cart. Unification takes place here

Before marriage the man may have appeared to a woman as scary and strange but after the marriage, she misses him and has to see him many times in a day. This is how women's Hearts change. So sometimes she calls him and asks him to come home during the lunch hour for a quick visit

It is the same with a man who has come to know Love. Whenever he has a chance, he will want to sleep with his wife's knees as a pillow. So he will run home whenever he has free time, regardless of whether it is lunchtime or a coffee break

Also, if she wants certain things done, he will not hesitate to do things he didn't like doing before marriage, things about which he used to say, '*Such things are a woman's job. Should a mighty man do it?*' Such changes commonly occur to men and women who have come to know Love

When God created human beings and blessed them, He did so in such a way that the husband and wife would be happy. A husband and wife who have opened and entered such a gate of blessing are lost in whispering to each other. They only say sweet things that praise each other

For instance, 'I have been waiting in order to meet you. My life will reveal its value like a flower through you. I was born in order to Love you, and I have been waiting for this day.' There would be nothing in the world that is as sweet as secret words of Love. The secret words whispered by a husband and wife, even when together in bed, will be a refreshment to dissolve all the fatigue and hatred of the world

When a man and woman meet through the mediation of God, how do they express their Love? When you look at the process of the development of Love, the first is the lips, the second is the breasts, and the third is the Love organ

When Love matures, sons and daughters are born as its fruit. For a woman, her sexual organ is the holy place of Love, and the key to open that gate is held only by her husband. When the key of Love held by the husband opens his wife's holy place and enters there, the most precious sons and daughters in the world will be born

The value of sons and daughters is such that they are an encapsulation of Love, not exchangeable for anything in the world. Through sons and daughters, parents will experience the Heart by which God created the first human ancestors. This is why the parents rejoice when they look at their children, singing out, 'You are my Love.'

No matter what your baby does, who is born through Love, you do not hate him but simply love him. This is because he is part of your body, made of your own blood and flesh and your Love. Whether he pees, takes a poop, or has a runny nose, he is simply cute and Lovely. It is because Love is dissolved into such things

In your family life during marriage, in order to feel true joy, you should bring God into the centre and make a relationship where you can Love each other while watching God rejoicing together with you

A True married couple should become one in Love centring on God's Heart and inherit all the wonderful qualities of our Heavenly Parent in order to share them with the children and expand in this way the precious realm of unconditional Love

Miracle of Love 39

A man and a woman getting married and making Love is not something you should be ashamed of. This is something most dignified, holy, and beautiful

True happiness can be found in a place where you laugh, sing, and whisper together with your spouse, both of you intoxicated with Love. I would say that the one who listens to the whispered words from his beloved is a happy person. It is because having words of Love whispered in your ear can give you feelings of happiness, as if you were dreaming

Love embraces all four directions. At the same time, there has to be relations of front and back, and left and right. Because Love is like this, the husband stands next to his wife in a relationship of left and right, and realizes a Love that embraces the four directions

Why do you feel good when you see your beloved wife? When you are alone, you cannot stand in the position in which you are supported by the spherical four directions of the universe. But with your spouse, you make a horizontal Love relationship where you have give and take with her and establish a position where you can contact the vertical power of the universe

Thus, the one who has a spouse becomes infinitely happy through the supportive power of the universe. This is why when you see your beloved wife, your entire mind becomes focused and you cannot see anything but her. So you dance and sing with her, spinning round together. Why do you dance, sing and rejoice? To expand the realm of support

If you become someone who conforms to the universal law, the universal power embraces you. The stronger you are embraced the further you enter the internal centre that brings joy

What is the universal law? It is a man and a woman from beginning to end in total oneness, and also this is the way of the heavenly fortune, a husband and wife who are one Heart in walking the path

If someone asks a loving husband and wife how long they will be in Love, and one of them says, '*Just while we are young,*' would the other feel good or bad? For how long do you want to be in Love? Eternally, but first of all until you die, and then you will want to Love eternally

Eternity is something that represents the whole in the future. Only then will your spouse be happy. This is how things are in God's world of harmony

What kind of people are True wives and True husbands? When people mature, they have a family. Taking their spouse as an eternal partner of Love, they should form a family of Love where their initial Love grows as the days go by

When that Love at the family level expands to form a tribe, these tribal members will be eternal embodiments of Love, which can expand Love eternally. Such a husband and wife will be a true married couple and a True husband and True wife. Also, such a husband and wife will be able to participate in God's Love

In the eyes of the wife, her husband has to look the best and be number one. Also, in the eyes of the husband, his wife has to look this way as well. The best relationship is the one that is formed during first Love. It is the best, no matter what others say

This cannot be bought at any price. If you can have such a world for eternity, how splendid this is! Everyone should at least reach that level based on the husband and wife loving each other well throughout their whole life

The highest and sweetest Love shared by the husband and wife has to be the best work of art in the world. It has to be the best work of literature and the real body of literature which will bring joy to all people

The Family is the Training Ground of the Heart. We cannot live separate from the Heart that longs for True Love. We would not be able to feel the deepest satisfaction in our family

We should be able to return home and feel joy through your wife and children. In such a way you should be proud of this joy in front of others. This joy is a primal joy; not a secondary joy

It is the same with God. Even if He was to restore the whole world, without a family He would not feel joy. So we need our loving families more than anything else

Parents should be the head of the family and teachers should be the head of the educational institutions which represent society. Parents raise you by giving you milk thereby assisting your physical development as well as helping you emotionally

Then what is school for? It trains you for your future life in society. If the family is the training ground of the emotions, then school is the experimental training ground of society. But society is not where training ends. Where does it end? It ends with the world, with the whole cosmos

What is the family? It is a training ground for the Heart. It is a place where you train your Heart to Love. This is why you should live affectionately like brothers and sisters at school and also live affectionately like brothers and sisters in the whole world

Parental education is needed at school, in society and also by the nation. Parents should pass everything in the realm of Heart on to their children. They should create a foundation of Heart for their children by teaching them to follow their parents' footsteps in living in certain ways in the family, the society, and in the nation

Miracle of Love 40

When you look at a family, it is not necessarily a good one just because it has a good house and a good environment. Conversely, no matter how shabby its house may be, if it offers you peace and you are able to connect all things in your life to it, then it is a good family

It has a foundation of Heart upon which the parents and children live for the sake of each other. This is the original homeland for our memories and the source of motivation for all living. Therefore it becomes the basis for determining our happiness in life

Since the beginning of history, who has practiced True Love focused on parents, True Love focused on husband and wife, and True Love focused on brothers and sisters? True Love is absolute

The Love of God is expressed as parental Love, conjugal Love and children's Love. These three great Loves make it possible for human beings to exist forever. These great Loves transcend even the loftiest human view of Love. When these Loves are perfected, happiness is perfected

People become happy when these three great Loves unite. Is a motherless person happy? That person's misery is equal to the emptiness he or she feels. Is a fatherless person happy? A fatherless person envies those who have a father. Happiness leaves no room for envy

The same is true for Love. If you envy someone or something, you cannot say you are happy. You cannot be happy without a father and mother. No matter how great a man's ideals may be or how much he boasts, he needs a woman. He needs a wife

No matter how happy a husband and wife may be together, they will be miserable without children. Do you need only sons? You need both sons and daughters. But what if the parents have only one son and one daughter?

A son needs an elder sister and an elder brother, and a daughter needs an elder brother and an elder sister. Furthermore, they each need a younger brother and a younger sister. Everyone needs elder and younger siblings, and without any one of them, the individual would be unhappy

A true family wherein the younger sister, younger brother, elder sister and elder brother are all united will be protected by God. This is because such a family becomes the origin of a clan, a people and a nation where Love abounds

My father, mother, elder brother, elder sister, younger brother, younger sister and me total seven people. This underlies the significance of the number seven as the number of perfection. You should know that I am talking here about perfection in reference to Love

Why is seven the number of perfection? Why is it that the creation of heaven and earth taught by Christianity was completed based on the number seven? It is because of this

It is said that three is the number of heaven and four is the number of earth. The number three is established by my father, mother and me. Then what does the number four refer to? It refers to brothers and sisters

God created this world because He thought it was good, he felt joy from it, and wanted to receive more joy from it. How do you achieve goodness or joy from something? You receive joy in the form of Love. Therefore, we come to the conclusion that God created this world to feel joy through the realization of Love

For the realization of Love, God created this world. God created the universe to feel joy through human beings and the creation becoming one and thus establishing a harmonious world of Love, God feels joy from seeing and becoming one in Love with human beings, forming True relationships of husband and wife and then establishing a family, tribe, people, nation and world of True Love. That was God's ideal of creation

God's only dream was to realize the ideal of Love. But the problem is that the ideal of Love cannot be realized by God alone. Such things as Love, happiness and joy cannot be realized through only one being. They cannot be realized without an object partner

Although God is an absolute being, He needs someone to be his object of Love. His object of Love is none other than human beings. When humankind comes before God as the object of Love, with perfected Love, God becomes the God of happiness, the God who has fulfilled the ideal of joy

The answer to the questions, *'Why does God need human beings?'* and *'Why does He need human beings in realizing His ideal?'* is: God needs human beings to perfect His Love. This can be understood from the viewpoint of Heart

What is God's Love? We can say that God's Love involves human beings liking each other eternally, but more importantly, it involves God liking human beings eternally. In this way, human beings are God's eternal objects of Love

From the day God created Adam and Eve, God desired to Love Adam and Eve as the object partners whom He would look at over and over again, and would wish to look at forever, to be with over and over again, and to live with over and over again. Having such object partners is God's ideal of creation

Where is the Kingdom of Heaven? It does not fall from the sky. The Kingdom of Heaven is a place in which parents and children can develop their abilities in mutual giving. It is where joy is felt through interacting with creation in our daily life, a joy that we experience as our ideal circumstance, the experience of joy to the full

God wants to realize the kingdom of Love. God's will is to develop the ideal setting for Love and then globalize it. The Heart of parents desires that children love each other more than they love the parents. When this ideal is expanded to the worldwide level mankind will indeed be one united family of True Love