Junk DNA is AMAZING!

Junk DNA is a prediction of evolutionary theory. That is because evolutionary theory REQUIRES that almost all of our DNA be leftover, unused junk. Boy, do they have that wrong. The evolutionists’ prediction was that all or nearly all of human DNA would be functional. Not only is all human DNA functional, the amazing complexity of the “junk DNA” is beyond what anyone ever thought it could be.

DNA Replication

A couple of issues ago, we featured the amazing machine shown to the right. It duplicates DNA during cell division. It continuously copies one side of the DNA in the forward direction and the other side of the DNA, in increments, in the reverse direction. The complexity shouts intelligent design. This machine is called DNA polymerase.

DNA polymerase is an irreducibly complex enzyme as it must integrate several different motions with perfect timing and until the machine is complete it can accomplish nothing. Even more amazing is the fact that DNA polymerase cannot work alone. Other enzymes, including DNA Primase, DNA helicase, DNA ligase, and topoisomerase are also needed for the operation of DNA duplication. We are only telling you about the major players.

DNA replication is not an isolated event; it is a major coordinating event in the cell. You will find technical references for our articles at:
http://www.CryingRocks.org

See DNA on page 2

Lucy

Everyone has heard of the fossil named Lucy. She is supposedly a link as an ape-like ancestor evolved into humans. But, I bet you have not heard the full story of Lucy. On the left are the bones that were found that were named Lucy. Notice that there are not all that many bones. Not usually told is that the bones were taken from a rather large area of bones that include baboons. Additionally, it is acknowledged by anthropologists that all of her bones are typical of an ordinary chimp. The reason she was considered transitional is because human footprints were found 1000 miles away and Lucy’s discoverer claimed that they had to have been made by a close relative of Lucy. No foot bones are part of Lucy and all of her bones are of a creature (chimp) that cannot walk upright like a human. And now, a reevaluation of Lucy shows that one of her bones is actually from a baboon. Lucy is a chimp. We recommend a book on our web site that explains Lucy.

The Reason For God - 5

Pastor Timothy Keller does not consider himself an apologist (one who supports a viewpoint with logic). But he is actually one of the best apologists alive today for Jesus and the Bible. This is part 5 of a series of articles based on his book, The Reason for God - Belief in an Age of Skepticism. See our Web site for previous parts.

S straightjacket (continuing from last issue).

The claim is made that Christianity is a cultural straightjacket because it forces people of different cultures into a single...
DNA from page 1

Genes/proteins are coded in about 3% of our DNA. Those segments that code for proteins are called exons. Interspersed between the exons are introns. Introns were thought to be junk DNA. mRNA (messengerRNA) makes copies of stretches of DNA that code for proteins. Those stretches contain both exons and introns. But then the introns get cut out and the exons get spliced together, resulting in the final code for a protein. Introns appeared useless so were considered junk.

Those introns are actually extremely important in the synthesis of the protein. The complexity of how those introns control protein building is amazing. And, nobody knows how the introns work their magic, researchers just know they do.

RNA Encryption

Researchers at Aarhus University in Denmark discovered RNA encryption while investigating a modification that occurs in RNA that is called m6A. The modification has been found to be a factor in cancer and other maladies.

The m6A modification occurs to RNA as it is being copied from DNA. m6A controls the expression of a gene. It can speed things up or slow them down depending on the location of the modification.

The Aarhus researchers found a new, totally unexpected factor in the expression of m6A. The “message” that m6A relays is encrypted!

Most of us are familiar with encryption. When you contact your bank’s web page, the characters you type that are sent to the bank web site are changed (scrambled) using a mathematical expression based on a code word that only your bank and your computer know. Plugging that code word into the mathematical expression scrambles the characters you type so nobody can make sense of them. When the characters arrive at the bank web site, the same code word and mathematical expression are used to convert the scrambled letters back to what you typed.

The m6A modification is also encrypted. The message of m6A can be present where it should not be used. So, the modification is encrypted so that only places where it should be used can decrypt and read the message.

Wrong Again

Evolutionary “facts” are given to us as if research has proven beyond a doubt that all occurred as they tell the story. Our job is to trust the evolutionists. One problem evolutionists have is explaining the origin of mitochondria.

Mitochondria are little organelles inside every cell. They are so important in maintaining the life of a cell that they contain DNA for making repair parts quickly. They contain many little machines that make ATP, the energy molecule for the cell.

Mitochondria are irreducibly complex, way to complex to have come about slowly inside the cells of multi-cellular life. ATP and other molecules manufactured by mitochondria are needed upon the arrival of the first multi-cellular creature. This means that there would have to be many mutations creating many new innovative genes to construct all the needed machines.

The supposed solution is simple. A bacteria that had already started evolving a mitochondria managed to enter an early euakaryote cell. Bacteria do not have a nucleus, but euakaryote cells do. The bacteria supplied what the euakaryote cell needed to evolve and vice versa. This idea has been falsified, shown to be wrong, by... Wait for it... Actual research (by evolutionists) There is ZERO data that supports the evolutionists’ story.

Evolution is a series of stories with no actual support from data. It is an adult fairy tale for people who do not want there to be a god, especially the Father, Son and Spirit God of the Bible.

Wrong Again Again

Stephen Meyer, in Darwin’s Doubt, explained that for new kinds of creatures to come into existence, there would have to be the creation of many new genes. Many expert critics disagreed with Meyer because they “know” that all that had to happen was a rewiring of already existing gene regulatory networks (in junk DNA!).

This explanation is required because fossils of every kind of creature shows up in the rock record in supposedly 20 million years. Evolution requiring new organs and function could not happen that fast using mutations of genes. The same genes had to be re-purposed by the control program of regulatory networks.

As, another evolutionary story bites the dust. Once again, actual research by evolutionists show that many new genes are required. Rewiring won’t do the job.

God, in the person of Christ Jesus, is the creator of the multi-dimensional, encrypted cell control network, all cells, the universe, you and me.

What is even better is that God made sure that those who call Him Lord will lead the happiest, most contented life possible. Richard Dawkins’ theory that social memes, the ideas of a society that will mutate [change] over time, will increase survival fitness just like DNA mutations. Of course, the ultimate meme is that evolution is true. But, actual research shows that Christians are the happiest, most content and best off in every way a person can be. The Ohio State University research shows that atheists die four years earlier than people of any religion! Jesus loves you and is waiting for you to claim the joy He wants you to have.
Machines from page 1

in the process. In addition, nobody has the slightest clue as to how all these machines communicate with each other or even know what they are supposed to do! Yet they know what to do, when to do it, and execute their functions perfectly.

The graphic to the right shows more of the duplicating machinery. The action goes from right to left. Let’s go through step by step:

1 As the DNA is unwound, the DNA that is still wound up has pressure against it to wind more tightly. Topoisomerase releases the pressure by making a slight nick in the DNA helix and then repairing the nick as that section of the DNA is flattened. Imagine twisting two ropes together and then trying to separate the ropes in the middle. The twisting fights the separating process. This process of unwinding also occurs when DNA needs to be read to make a protein.

2 DNA helicase (see blue object in graphic on first page for accurate appearance) spins at 10,000 RPM, separating the two sides of the DNA. In our article two issues ago, we explained that operation. One side of the DNA is moved through continuously while the other is moved backwards in small segments. Those segments are called Okazaki fragments.

3 At this stage, the strands of DNA could come back together. Binding proteins hold the DNA apart. Otherwise, the DNA could not be replicated.

4 There must be a pre-existing stretch of DNA (it is one-sided so is actually RNA). DNA Primase constructs RNA primer which is a short section of a DNA (actually RNA) strand (which is discarded after use as a primer) to get the next step rolling. This only is required on the side that is replicated in segments. A primer is needed for each segment.

5 The existing strand of DNA serves as a template. DNA polymerase III must look at the nucleotide in the existing strand. That tells DNA polymerase III which nucleotide is needed for the new strand. It then manufactures that nucleotide and adds it to the strand. Then it double-checks that it made the correct nucleotide. If it made a wrong nucleotide (it happens), DNA polymerase III removes it and redoes the entire operation.

6 DNA polymerase I functions only on the side which is replicated in segments. It removes the primers and replaces them with DNA.

7 As we end the process, DNA ligase serves to seal any gaps in the DNA that may have occurred due to the primer. All of this happens so fast that 1000 nucleotides are duplicated per second.

8 After duplication occurs, the DNA must be coiled and those coils coiled and those coils coiled. The first coiling is done around proteins (Histones) that ensure the coils are not too tight. (See graphic below.)

These machines need energy to function. Topoisomerase gets its energy from the tension in the coils it is controlling. The other machines need ATP, the energy molecule of the cell. ATP is made by another amazing machine.

When Darwin looked at a cell, the best microscopes showed a blob with dark specks. A cell looked pretty simple. Darwin cannot be blamed for thinking there wasn’t much to a cell.

In the 1990s, the ability to see the details of a cell, and even watch cell operation occur, became possible. Scientists today have no excuse. They know what is happening. The complexity of the process described in this article is multiplied by thousands when we look at all the operations in cells. A person has to talk to himself long and hard to convince himself that this is all the result of an accident. Evolutionists say the processes can become more and more complex over time as they evolve.

That is not possible. What we have described goes on in EVERY living cell from bacteria to human. It cannot build up step by step. The first cell had to have the entire mechanism fully functional or there would be no reproduction. Indeed, were evolution true, it would take trillions of years to accidently “create” this process.

God in the person of Jesus, has left us with overwhelming evidence of His design and creating power. Join us in the joy of acknowledging the Creator of the universe, you and me. CRM
Africais a good example of why Christianity is still the fastest growing religion in the world. African scholar Lamin Sanneh summarizes the reason, ending with: Christianity helped Africans to become renewed Africans, not re-made Europeans. There is a huge revival occurring in Fiji right now. Students are using devotionals teaching Christianity.

Christianity adapts significantly and positively to the surrounding culture without compromising its main tenets. To see why, just look at the now-hated 10 commandments. Every society builds its laws on the ideas in those commandments. None of this is surprising because Isaiah 60 reflects Revelation 7:9 (ESV): After this I looked, and behold, a great multitude that no one could number, from every nation, from all tribes and peoples and languages, standing before the throne and before the Lamb, clothed in white robes... Christianity is universal in the hearts of those who seek God.

Freedom

We generally think of freedom as not having any constraints. Many think the Bible adds constraints and therefore should be avoided as it hinders freedom. But, it isn’t that simple. We place restrictions on ourselves all the time. Do you love to play the guitar? If so, you require yourself to practice playing, restricting what you do for a period of time. Do you have a job? Maybe you even work for yourself? You have put constraints on what you do for a large portion of your day. You have voluntarily restricted your freedom in order to obtain some benefit you place of higher value than total freedom.

Freedom in morals is part of this too. Should we all determine our own morality? Are you willing to say that it is OK for someone to steal your wallet if their morality dictates that they are more deserving of your money than you are?

In the end, we ultimately serve one of two masters. We have no moral freedom. One is a master who requires we love ourselves. The other requires we love our neighbor. Legendary song writer Bob Dylan said it best: It may be the devil or it may be the Lord, but you are going to have to serve somebody.

As for me and my house, we will serve the Lord. CRM

Words In Red Art Exhibit
Jordan Hall at Wayside Chapel
August 31st through September 29th
Hours: (closed Thursdays)
Mon/Tues/Wed: 10am - 5pm
Fri/Sat: 11am - 7pm
Sun: 12pm - 5pm

QUOTE:
“Evolution is not a fact. Evolution doesn’t even qualify as a theory or as a hypothesis. It is a metaphysical research program, and it is not really testable science.”

Karl Popper, Science philosopher who introduced the idea that scientific knowledge is based on testing and falsification

POINT:
Philosophers who study knowledge will tell you that you cannot prove anything for sure. But, you can falsify something. You can show that something is false IF you can devise a test that can show something is false. Evolutionists will protest that creation is not science because you cannot test it. You can’t come up with a test that could falsify creation. Then they tell you they have something that falsifies creation. And, to be fair, some creationists do the same thing regarding evolution. But evolution, as we see in the above quote, is also untestable. Evolution and creation are both metaphysical beliefs. Neither can be shown to be false. So both sides look for data that can be interpreted to support (but can never prove) their belief. This newsletter, issue #62, is a 14 year endeavor that shows more of the data better fits a young earth creation scenario than an old earth neutralism scenario. The first article of this issue shows that what is supposedly known about evolution, especially as it relates to DNA, has all been assumptions that follow from the belief in evolution. But modern research is showing that those assumptions are wrong. The data shows the opposite. And, the data supports intelligent design. More and more data is supporting creation and, at the same time, contradicting evolutionary theory. Which do you believe? Your destiny rides on your answer.