

## The Wonder of It All: The Utterly Astounding Complexity of Life

By Mark Jurkovich

The more I learn about the complexity of all life, the more I am astounded at the all-powerful, loving, creative power of our Creator and Lord Jesus Christ. As one learns about this utter complexity, it becomes ever more a leap of blind faith to continue to insist that any life, let alone the abundance of life all around us, came about by blind chance processes.

From a blade of grass, to a lily that is here today and gone tomorrow, to a giant conifer; from a single cell amoeba, to the blue whale, to you and me; we are all packed with astounding complexity.

Already back in 1984, enough of the cell was understood that non-creationists calculated it to be impossible. “No matter how large the environment one considers, life cannot have had a random beginning. ... There are about two thousand enzymes, and the chance of obtaining them all in a random trial is only one part in  $(10^{20})^{2000} = 10^{40,000}$ , an outrageously small probability that could not be faced even if the whole universe consisted of organic soup.”<sup>1</sup>

That calculation was just for bringing together the enzymes in a cell, not to mention everything else that makes up a cell. We now understand the cell is even more complex. For example, every cell in every living animal has tiny rotary motors that create adenosine triphosphate or ATP for short, which in turn provides energy to just about everything else. These motors called ATP synthase, are themselves an extraordinary testimony to an all-powerful designer/creator.<sup>2</sup>

Michael Denton explained the amazing design of a cell in this way. “...an object of unparalleled complexity and adaptive design. On the

surface of the cell we would see millions of openings, like the port holes of a vast spaceship, opening and closing to allow a continual stream of materials to flow in and out. If we were to enter one of these openings we would find ourselves in a world of supreme technology and bewildering complexity.”<sup>3</sup>

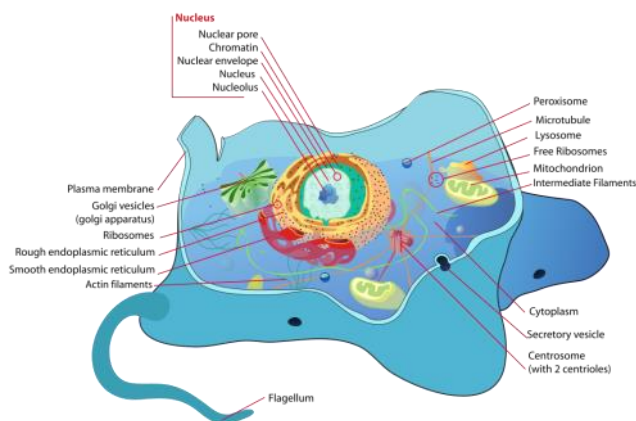
None of these authors I have quoted were followers of Christ, yet they had to admit the utter complexity of life.

What we find in a cell are complete interdependent systems; complete with transportation systems, power plants, water supply, sewer and garbage collection, delivery systems, quality control systems, and much more. And all self-replicating. No man-made system of systems comes close to matching what God has placed in every single cell of our body.

I postulate that every aspect of life is irreducibly complex. That means that there is not a single biological process that could have developed by gradual evolutionary changes; they all require multiple processes to be in

place and functioning at the same time. To elaborate my point; starting with DNA, it could not form without RNA and protein present at the same time. Next up, there is no ‘simple’ cell. As already covered, a single cell is bewilderingly complex to paraphrase Denton. Then you have different types of cells coming together to make organs. Next you have systems of organs that need to come together (ex. digestive, circulatory, lymphatic and skeletal systems etc.). Each system of organs is certainly irreducibly complex. Finally, you have all the systems coming together to make you and me. Truly we are fearfully and wonderfully made.

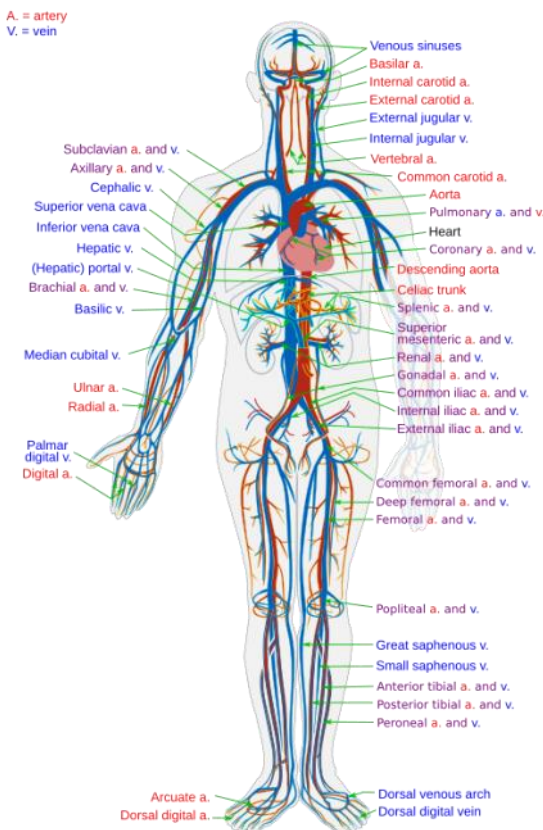
Take for example the circulatory system. The



ATPase as seen in [CMI's animation](#)<sup>7</sup>

simplified image shown here doesn't even begin to include all the myriads of capillaries in our body. It is astounding to think how this system manages to get oxygen and nutrients into every single one of your trillions of cells.

All the ridiculously small probabilities for life coming together by chance do not even begin to deal with the information packed into living systems. The most sophisticated computer storage systems today don't remotely compare with the multileveled, ultra-compact volumes of information contained in DNA. Information is also 'non-corporeal'. It cannot be explained by evolutionary processes. Evolution tries to explain material things. It cannot explain where non-material things come from. More specifically, information requires an intelligence to design the code, impart meaning to that code, and use that code to perform a desired action and outcome. Dr. Werner Gitt, in his book and companion DVD "In the Beginning Was Information", gives convincing arguments that the presence of information in the universe not only proves the existence of God,



but that he must also be spirit, all knowing, all powerful and eternal, just like the Bible describes.<sup>4</sup>

Even with life being marred by sin and the fall, God's handiwork still shines through for those whose eyes are willing to see. Let your eyes daily see afresh the wonder of His creation.

With every beat of my heart, every breath I take; with every person, plant, and animal I see, may I praise our creator God and Savior for His incomparable handiwork. Behold, it is all fearfully and wonderfully made, especially us!

#### References:

- 1.F. Hoyle and C. Wickramasinghe, *Evolution from Space* (New York: Simon and Schuster, 1984), p. 176.
2. <https://creation.com/atp-synthase>
3. M. Denton, *Evolution: A Theory in Crisis* (Chevy Chase, MD: Adler and Adler Publishers, Inc., 1986), p. 328
4. Werner Gitt, PhD, "In the Beginning was Information", Answers in Genesis (book & DVD), 2004
5. Also check out: <https://answersingenesis.org/origin-of-life/can-natural-processes-explain-the-origin-of-life/>
6. Cell drawing: <File:Animal cell structure en.svg> - [Wiki-media Commons](https://commons.wikimedia.org/wiki/File:Animal_cell_structure_en.svg), public domain.
7. CMI animation of ATP Synthase: <https://creation.com/media-center/youtube/the-atp-synthase-enzyme>
8. Circulatory system drawing: [https://commons.wikimedia.org/wiki/File:Circulatory\\_System\\_en.svg](https://commons.wikimedia.org/wiki/File:Circulatory_System_en.svg) public domain.

I will praise You, for I am fearfully *and* wonderfully made;  
Marvelous are Your works, And *that* my soul knows very well. My  
frame was not hidden from You, When I was made in secret,  
*And* skillfully wrought in the lowest parts of the earth.  
Your eyes saw my substance, being yet unformed.  
And in Your book they all were written,  
The days fashioned for me, When *as yet there were* none of them.

Psalm 139:14-16 (NKJV)