

**Origin of Life**  
Mike Riddle  
Answers in Genesis

The model of evolution and the origin of life

Some terminology

- Atoms
- Molecules
- Amino acids
- Proteins

Attempts to create life and the Miller experiment

- Miller assumed an atmosphere without oxygen
- Miller used electrical sparks
- Miller got amino acids

The atmosphere and the claim by evolutionists

The facts about the atmosphere

“...geologists know from their analysis of the oldest known rocks that the oxygen level of the early atmosphere had to be much higher than previously calculated.”

“New Evidence on Evolution of Early Atmosphere and Life,” *Bulletin of the American Meteorological Society*, Nov, 1982, pp 1329.

Life cannot start with oxygen

Life cannot start without oxygen

Can life start in the oceans? NO!

Amino acids

- Over 2,000 types
- Only 20 types are used in life
- All amino acids, in all proteins, in all life are Left-handed
- Miller got a mixture

Life in outer space (aliens) is not the solution and is not possible

Probability

- Law of probability
- Probability of a single protein:  $10^{191}$
- Probability of a living cell:  $10^{40,000}$

Second Law of Thermodynamics

Energy goes from a state of usable energy to a state of less usable energy for doing work in an isolated system

### The Second Law and the claims of evolutionists

- Evolution does not violate the Second Law because we live in an open system (the Earth)
- A baby growing into an adult is an example of evolution working with the Second Law

### The facts about the Second Law of Thermodynamics

- There are four mechanisms required for anything to gain in information and complexity
  1. An open system
  2. A source of energy
  3. A mechanism to capture and store raw energy
  4. A mechanism to convert the energy into usable energy

“There are no known violations of the second law of thermodynamics. Ordinarily the second law is stated for isolated systems, but the second law applies equally well to open systems.”

John Ross, Ph.D. (Harvard scientist and evolutionist), *Chemical and Engineering News*, July 27, 1980, p. 40.

### The facts about the origin of life

“The simplest living cell could not have arisen by chance.”

Johnjoe McFadden (Evolutionist & Professor of Molecular Biology and Quantum Physics), *Quantum Evolution*, 2000, p. 85.

### What does all this mean?

Since any biological change is dependent on life first originating by natural processes, the model of evolution is without a foundation.

### Additional Quotes

“If a particular amino acid sequence was selected by chance, how rare an event would this be?...

The great majority of sequences can never have been synthesized at all, at any time.”

Francis Crick, *Life Itself: Its Origin and Nature*, 1981, pp. 51-52.

“An honest man armed with all the knowledge available to us now, could only state that in some sense, the origin of life appears at the moment to be almost a miracle, so any are the conditions which would have had to have been satisfied to get it going.”

Francis Crick, *Life Itself: Its Origin and Nature*, 1981, pp. 51-52