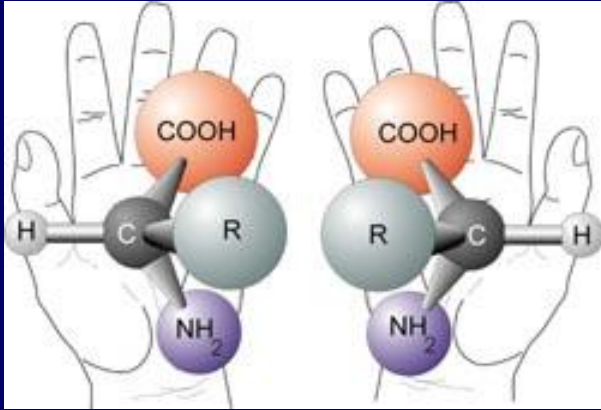
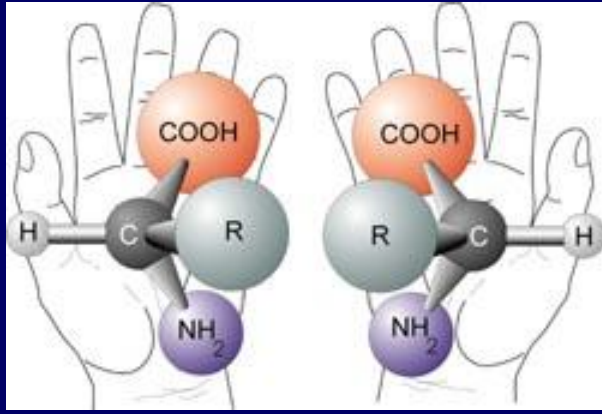


In our last lesson we established that given the science surrounding the age of the earth and the universe, there is an insufficient amount of time for the earth to have occurred randomly.

Let's turn our attention to the probability that life formed by random chance on the earth.



The way carbon, from which all of these things are made, presents itself is “handed”. That is, your hands form mirror images as do all of the amino acids except the simplest, glycine.



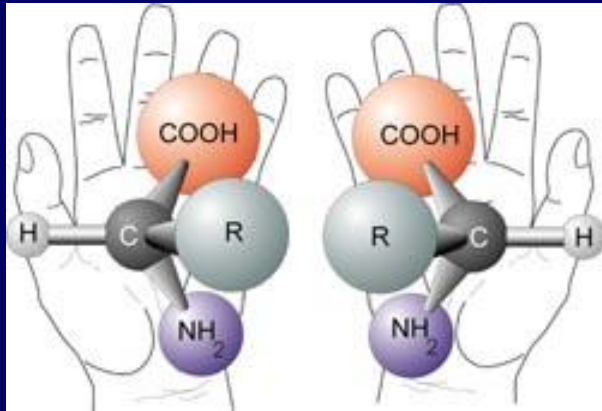
In life, all amino acids that are used in higher life forms,

are left handed (L-amino acids). When made by chemical synthesis, the amino acids are formed in equal amounts of right and left handed forms and half cannot be used for nutrition or to form proteins needed for life.

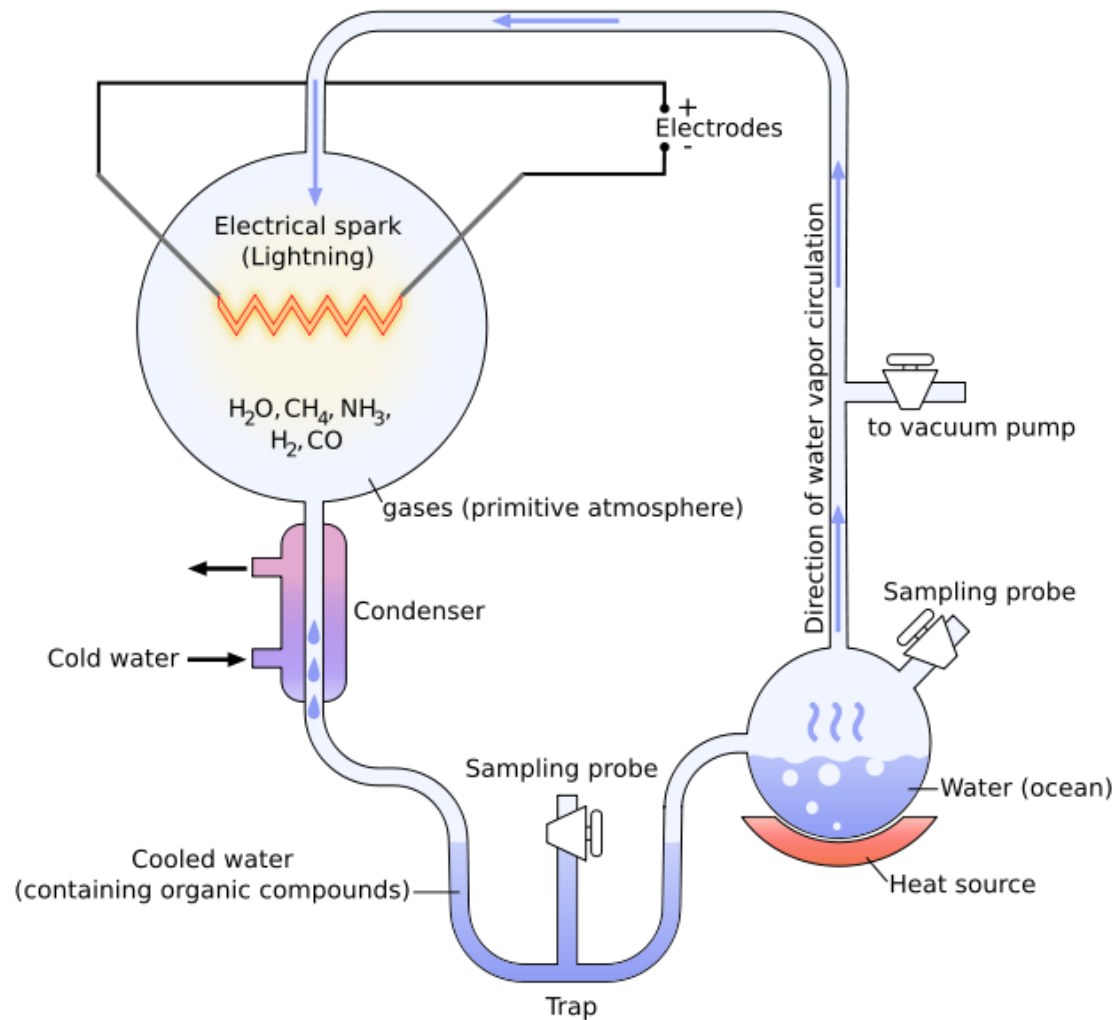
Schlusser, in 1917, wrote "Man made God in his own image and God being a gentleman, returned the favor." Quoted by Sidney Fox at an ACS symposium on Polyamino acids: The Origins of Life and Industrial Uses, Mar. 1994.

That's not even close to
being true.

The Miller Primordial soup experiment, 1959 – Mix methane, ammonia, water and hydrogen and discharge an electric spark continuously for a week. The resulting mixture contained amino acids. Glycine and alanine found with indications of two others and aspartic acid.

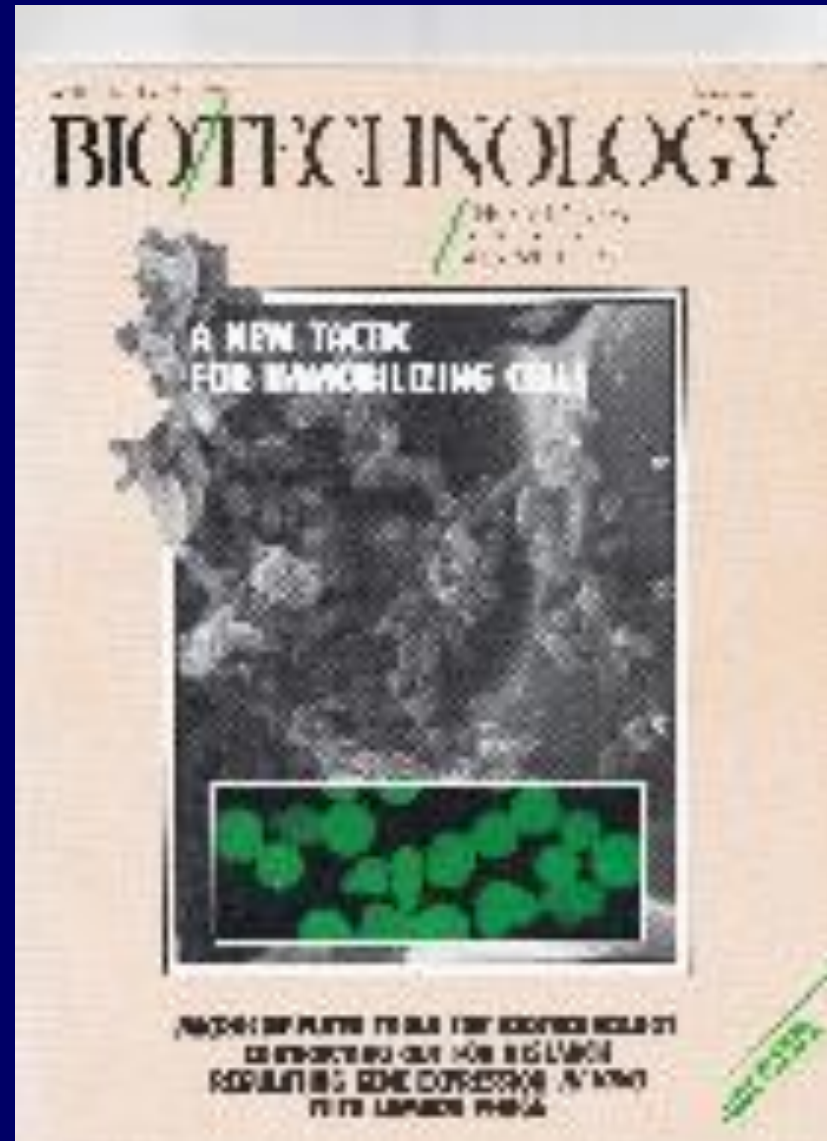


The problem is chirality
(handedness)!



When you make amino acids by heating (by a spark), you get an even mixture of right and left handed forms!

To make
L-aspartic
acid, you
need
enzymes
(biological
catalysts)
to make it!



But using biological catalysts for a starting point in life is like the Norse myths who used blood to create the sea – it's backwards!

If you could get the L-aspartic acid (left handed) to form a chain of L-aspartic acids by heating, you would be easily able to sell the process for hundreds of millions of dollars.

L-amino acids (left handed form)
are not made in nature to the
exclusion of the D-amino acids
(right handed form)

Only L-amino acids are used by
living organisms!

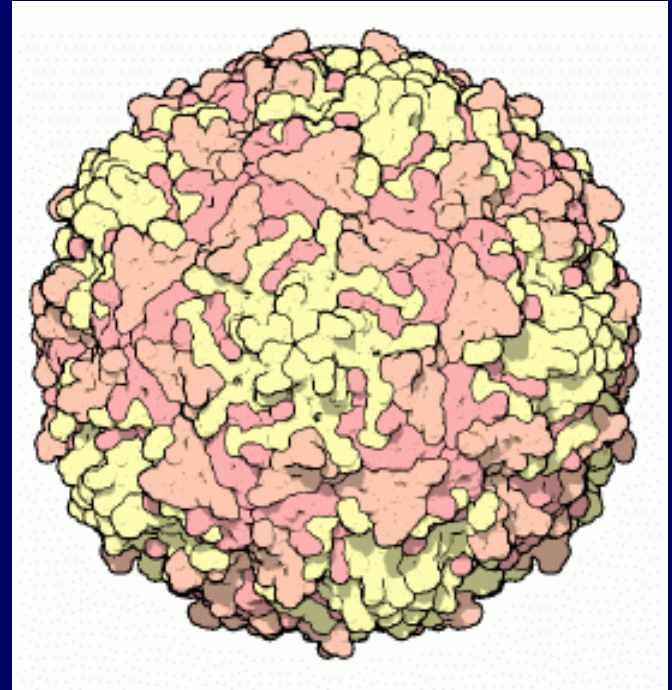
The Miller-Urey
experiment shows that
life as we know it cannot
be formed randomly!

Darwin's theory of evolution has
no starting place.

It didn't happen without a
designer.

But let's look at the DNA. In each of our cells (and there are about a billion cells in a piece of you about the size of a BB) there is a blueprint that completely describes each of us in our entirety. Scientists are now trying to print out this roadmap of life.

Knowing that roadmap
allowed scientists to
synthesize a polio virus
from chemicals in 2002
– no steps involving
biological catalysts!
They made 19 changes
to the structure and the
virus was still infective
and killed mice.



Based on that synthesis, Craig Venter in 2003, said that the ability to synthesize smallpox virus, which is 3 times as large as the polio virus, is probably possible now, in thousands of laboratories across the world. This child will be scarred for life and the virus will kill 80% of infected children and 20-60% of all adults.



The chemical synthesis of such virus are the results of thousands of man years of research, not the simple synthesis of such genes in a pond of stagnant water hit by lightning.

The information content of the
higher life forms is $10^{40,000}$
representing 2000 genes each of
which may be chosen from 10^{20}
nucleotide sequences of the
appropriate length.

The random generation of life is far thousands of times less likely than "a tornado sweeping through a junk-yard might assemble a Boeing 747 from the materials therein."

– Sir Francis Crick, co-discoverer of the structure of DNA.

**Darwin's theory has no starting
point for the roadmap of life!**

What about mutations to provide higher life forms?

Microbes (*E. coli*) have a generation time of 20 minutes



Fruitflies have generation times of 15 days

Elephants have generation times of 30 years



Man has a generation time of 20 years

I worked for a number of years directing a program to obtain the amino acids from bacteria by fermentation. We used mutation followed by selective pressure to find organisms that would produce the amino acids.

We normally used bacteria which produced the amino acids we wanted in small amounts and induced mutations sufficient to kill 99.99% to 99.999% of the bacteria. We shot holes in their DNA with highly mutagenic chemicals to see if we could scramble it.

At that kill rate due to mutation,
a single teaspoon of the broth still
contained 10,000 to 100,000
organisms.

With these extreme forms of selective pressure and mutation, no genera change was ever seen after allowing the bacterial population to reach its original population again.

We did this in over 400 experiments of 20 replications each or 8000 tests looking for mutations. In the examination of 10^{14} bacteria in each test, with 576,000 generations, we **never** found a mutation to another genera (Bible - kind).

Never!

To get to the first human being those experiments would take longer than the Universe is said to exist by the scientist taking the longest time for its existence.

Over 11.5 billion years to get just one individual and not the 10^{14} E. coli in each test tube we used.

Darwin's theory of random mutation by biological selection pressure doesn't stand a chance when confronted with the experimental evidence and a calculator!

TWO CHOICES

1. The universe and the world in which we live came into existence through a random series of beneficial accidents

Darwin's Theory of Evolution

2. the universe and the world in
which we live came into
existence through intelligent
and rational design.

God created the heavens and
the earth. Gen 1.1

We have seen that on the basis of:

- 1) The origin of the universe;
- 2) The qualities of the solar system;
- 3) The qualities of our planet, the only known planet in the universe on which life exists;
- 4) The requirements of the amino acids;
- 5) The requirements of the DNA;
- 6) The requirements of the number of individuals to mutate;

Natural selection fails as
the basis for the origin of
life – intelligent design is
the only reasonable answer
to the question of how life
began.

Gen 1.1 In the beginning God created the heavens and the earth ... 26 Then God said, 'Let Us make man in Our image, according to Our likeness; and let them rule over the fish of the sea and over the birds of the sky and over the cattle and over all the earth, and over every creeping thing that creeps on the earth.'

If you are here, you have been given incontrovertible proof that God exists, that He gave us the Bible and it is His revelation to us.

How could you fail to obey it, given the might of Him who created us?

Act 22:16 And now what are you waiting for? Get up, be baptized and wash your sins away, calling on his name.'