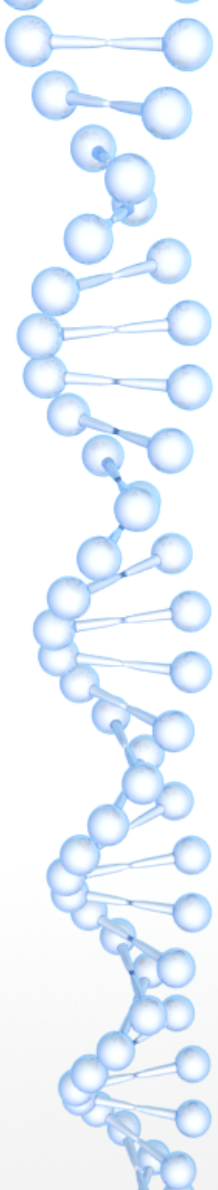


THE EARTH'S ATMOSPHERE



<http://www.ilsussidiario.net/News/Scienze/2017/7/6/STEPHEN-HAWKING-La-Terra-diventera-come-Venere-250-gradi-e-pioggie-acide/772538/>



IN THE PAST

- In the past (3.5 billion years ago) the atmosphere contained no oxygen. It was made of nitrogen, hydrogen, carbon dioxide and methane!!!
- In this period there were some BIG volcanic eruptions which released steam, carbon dioxide, ammonia and hydrogen sulphide, the last one smells like ROTTEN EGGS!!!



<http://www.meteoweb.eu/2016/06/1816-2016-esattamente-200-anni-la-terra-viveva-lanno-senza-estate/696156/>

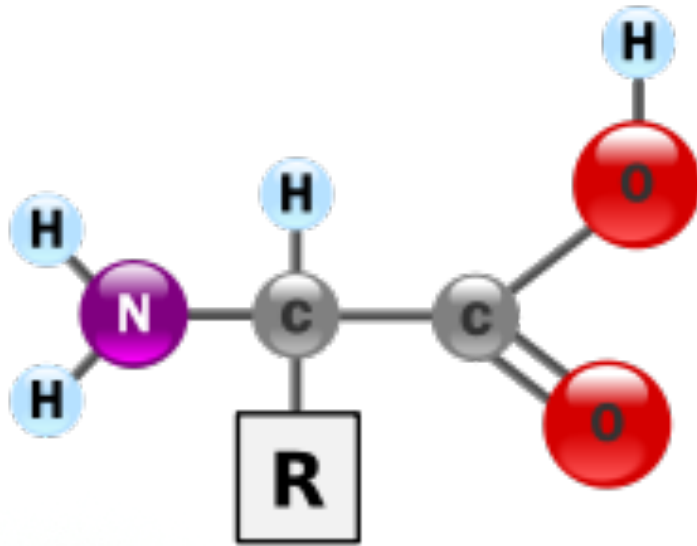
TODAY

- Today the Earth's atmosphere is made by:
- 78%=Nitrogen
- 21%=Oxygen
- 0.93%=Argon
- 0.07%=Carbon dioxide(0.04%)and a mixture of neon, helium, methane, krypton and hydrogen.



<http://blogparsec.blogspot.it/2015/09/latmosfera-terrestre-24-bassa-e-media.html>

AMINO ACIDS



- WHAT ARE THEY? The most basic chemicals that life on Earth needs!!!
- HOW ARE THEY CREATED? When lightning strikes clouds of gas!!!

• <https://it.wikipedia.org/wiki/Amminoacido>

MILLER & UREY'S EXPERIMENT!!!

- In 1953 these two scientists wanted to know the origin of life on Earth.
- They believed the ingredients were completely natural compounds.
- They had an idea, they knew there was a lot of lightning, so they stroked these chemical compounds with electric sparks (to mimic the lightning)
- They created **SPECIAL ORGANIC COMPOUNDS**.



Stanley L. Miller

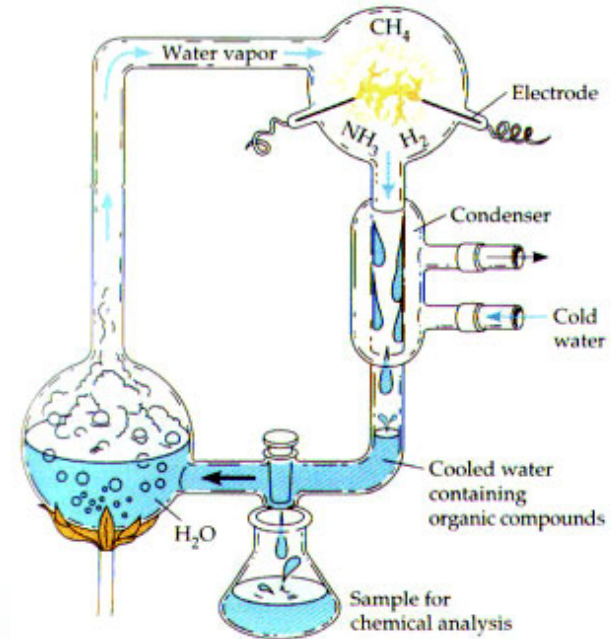


Harold C. Urey

- <http://aviewfromtheright.com/2016/07/24/the-miller-urey-experiment-is-irrelevant/>

THE EXPERIMENT

- They created organic compounds which contained carbon and hydrogen.
- They created amino acids which are necessary for life.
- They first created organic compounds in the laboratory.



• http://www.labtimes.org/editorial/e_085.lasso



THANK YOU FOR YOUR ATTENTION

By Alkeos Agolli & Antonio De Gioia

Bye Bye