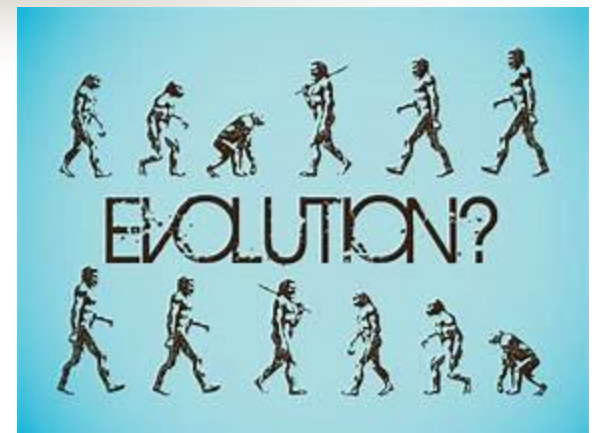
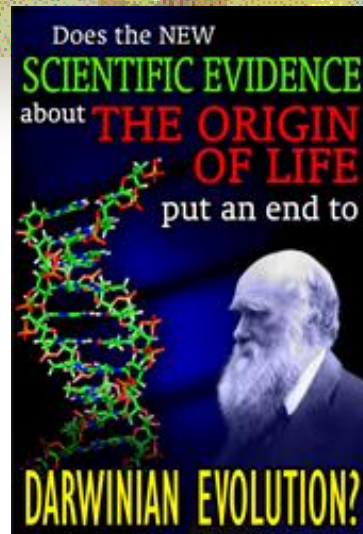
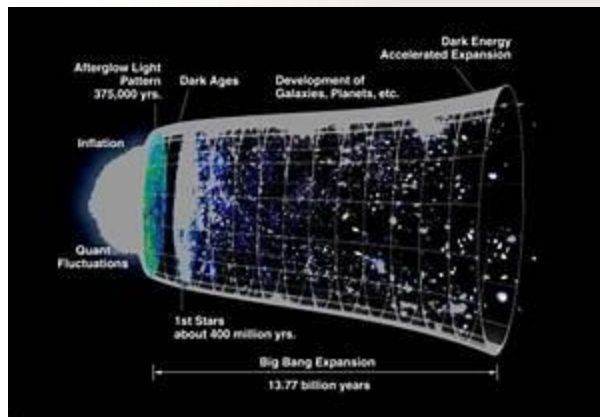


# Evolution's Showstopper

Dr. Heinz Lycklama

heinz@osta.com

www.HeinzLycklama.com/messages



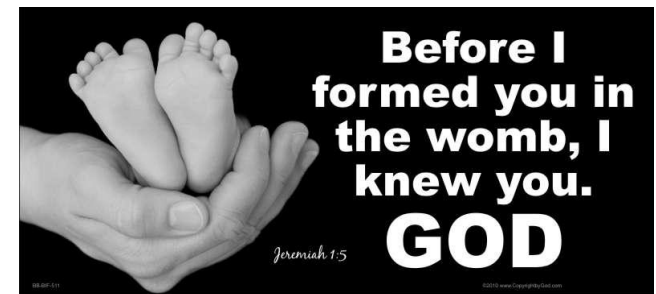
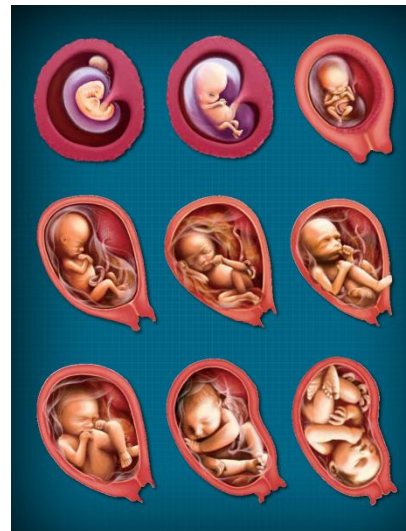
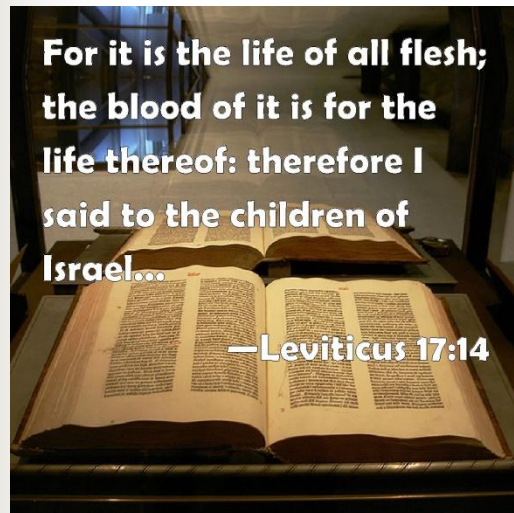


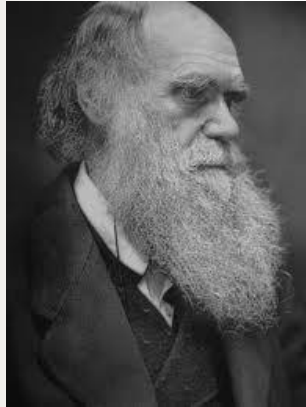
# Evolution's Showstopper

- Introduction
  - Viewing Life – Biblical and Evolution
  - Chance, Necessity, or Design?
  - Origin of Universe -> First Life -> Diverse Life
- **What About The Origin of First Life by Natural Processes?**
  1. Law of Biogenesis
  2. Forming Components of Life
  3. Law of Mathematical Probability
  4. Source of Information
- Conclusions

# Biblical View of Life

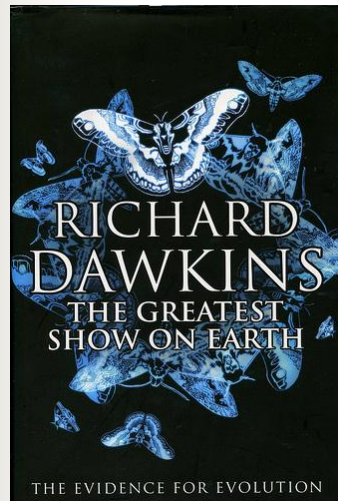
- Gen. 1:11-12, 21, 24-25, "...herb that yields seed according to its kind, ..., beast of the earth according to its kind."
  - Indicates stability of different kinds
  - Biogenesis, each producing after its own kind [used 10 times]



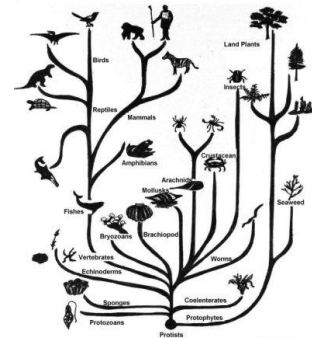
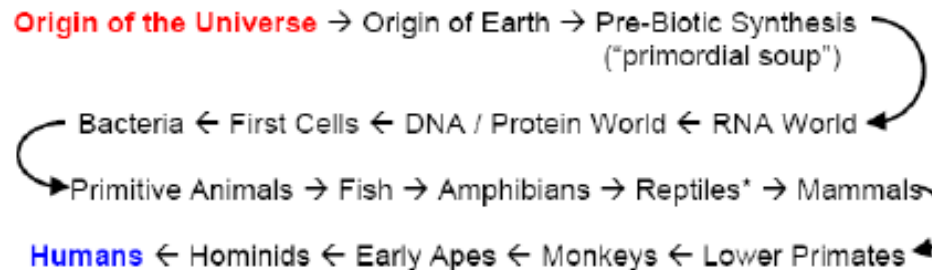


# Evolution's View of Life

- Related through common ancestry
- Arose through mutations and natural selection
- By means of random chance processes of nature
- Origin of first life from primordial soup?



## The story of evolution:

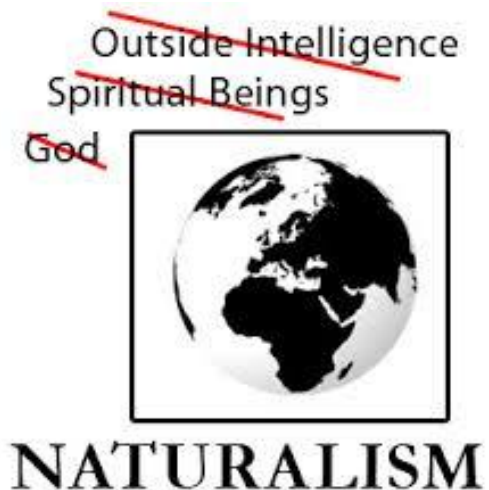


# Naturalism (Scientism)

A belief denying that an event or object has a supernatural significance; specifically, the doctrine that scientific laws are adequate to account for all phenomena

“Even if all the data point to an intelligent designer, such an hypothesis is excluded from science because it is not naturalistic.”

*Dr. Scott Todd, KS Univ. Immunologist*



**Pillars of Naturalism:**

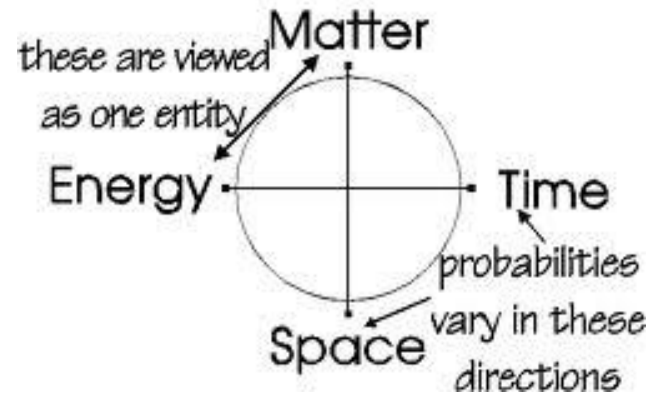


**Freud is dead, Marx is dead,  
and Darwin isn't feeling very well.**

# Scientific Materialism

A belief claiming that physical matter is the only or fundamental reality and that all organisms, processes, and phenomena can be explained as manifestations or interactions of matter

## THE WORLD-VIEW OF QUANTUM MECHANICS



“We take the side of science *in spite* of the patent absurdity of some of its constructs, *in spite* of its failure to fulfill many of its extravagant promises of health and life, *in spite* of the tolerance of the scientific community for unsubstantiated just-so stories, because we have a prior commitment, a commitment to materialism.”

*Richard Lewontin*

# What Is Science?

- Science is the search for truth
- Fact, Law, Theory, Hypothesis, Model?
  - Fact – proven to be true
  - Law – no known exception
  - Theory – testable, falsifiable, verifiable, repeatable, based on empirical findings
  - Hypothesis – provisionally explains some fact
  - Model – simplified representation of reality
- Scientific method


## The Scientific Method

- There are 6 steps:
  - Question or Problem
  - Hypothesis
  - Procedure and Materials
  - Test the Hypothesis or Experiment
  - Data and Results
  - Analysis and Conclusion

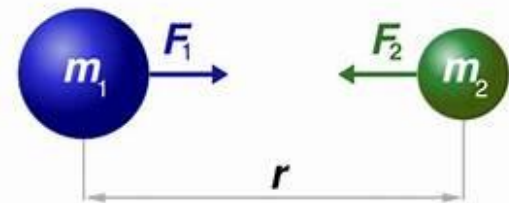
# Laws of Nature

- Law of Cause and Effect
- Law of Biogenesis
- First Law of Thermodynamics  
[law of conservation of energy]
- Second Law of Thermodynamics  
[law of increasing entropy]
- Law of Gravity
- etc.

Jeremiah 33:25

CAUSE  
  
EFFECT

Law of Biogenesis  
In nature, life comes only from life and that of its kind.



$$F_1 = F_2 = G \frac{m_1 \times m_2}{r^2}$$



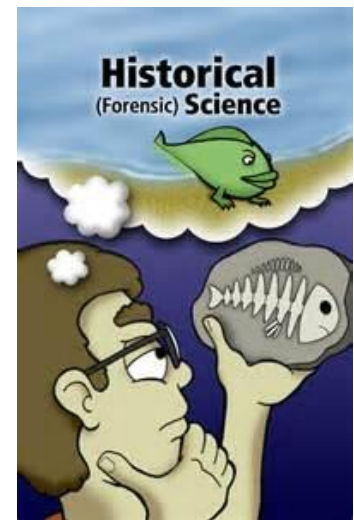
# Limitations of Scientific Method

## ■ “Operational” Science

- Postulate theory -> make observations -> prove/falsify theory
- Using the Scientific Method

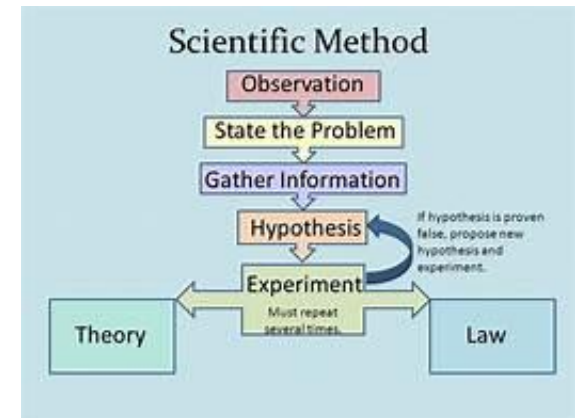
## ■ “Origins” Science

- Were you there at the beginning?
- Can't repeat the “experiment”
- “Forensic” science
- Model of science
- Which model best fits observed facts?



# Scientific “Proofs”

- What we can test scientifically
  - Observable/repeatable processes
  - Trends/tendencies in nature
  - Processes/events that left evidence
- What we cannot test scientifically
  - Identity or motivation of who or whatever brought the universe and life into existence
  - Historical events
  - Morality
  - Meaning

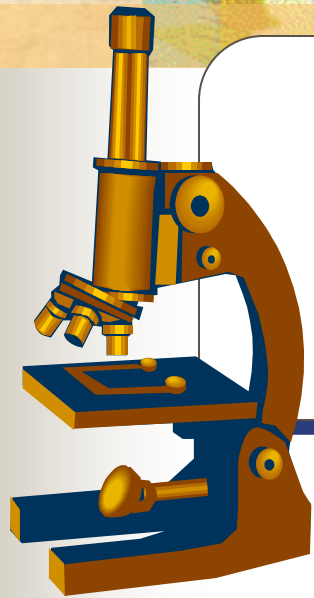


### Science, Ethics, and Morality

- When scientists explain “why” something happens, their explanation involves only natural phenomena. Pure science does not include ethical or moral viewpoints.
- For example, biologists try to explain

The diagram shows a cycle of four interconnected concepts: Science and society, Build knowledge, Address societal issues, and Solve everyday problems. Arrows indicate a clockwise flow between these concepts.

Adapted from Understanding Science, UC Berkeley, Museum of Paleontology



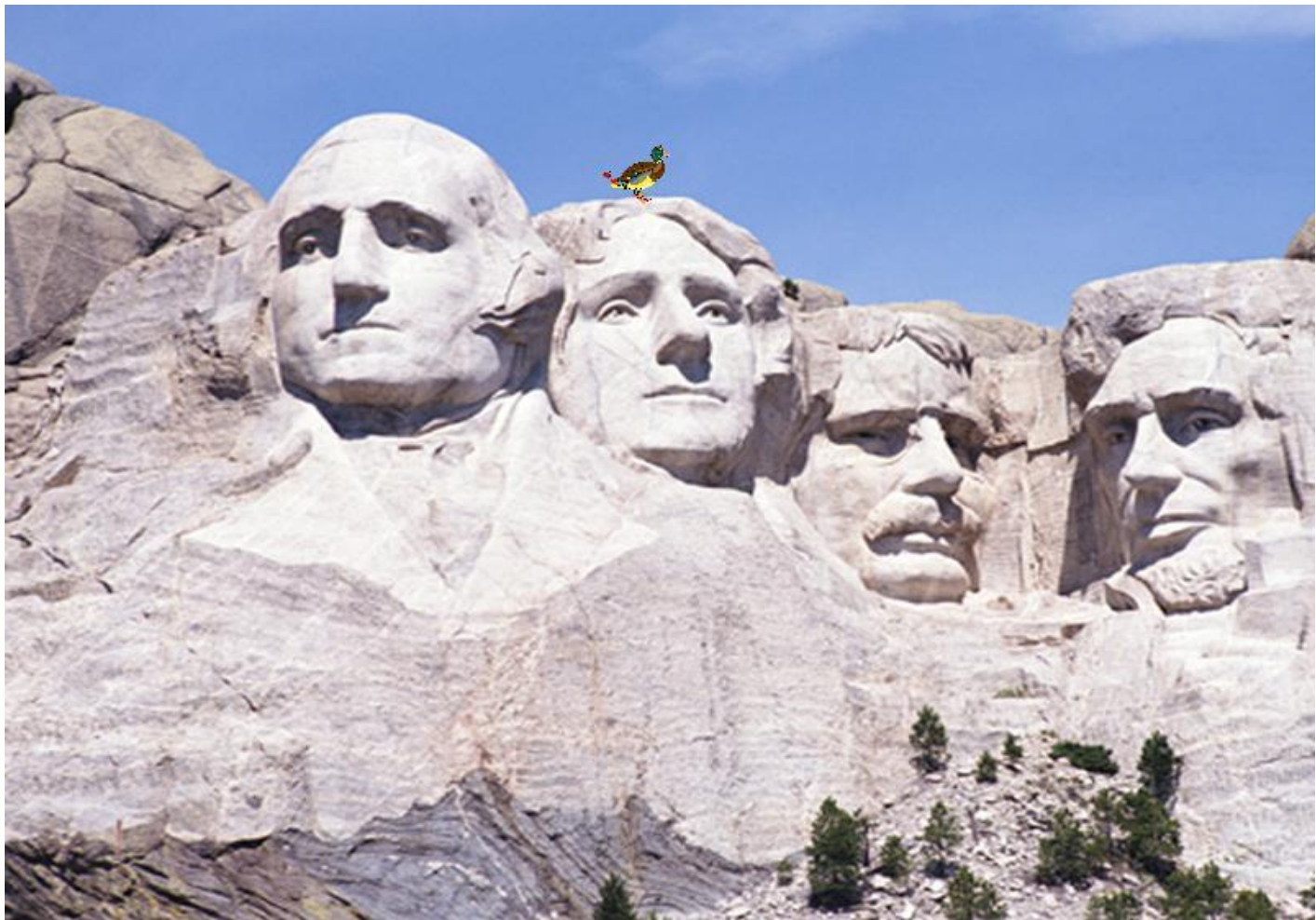
Present +  
Repeatable +  
Observable =  
**SCIENCE**

Past +  
Non-Repeatable +  
Eyewitness Account =  
**HISTORY**



Past +  
Non-Repeatable +  
No Eyewitnesses =  
**BELIEF**

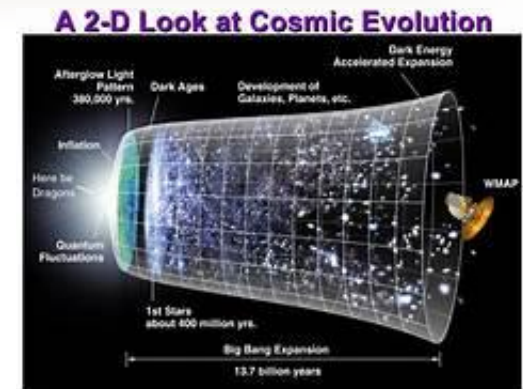
# Chance, Necessity (Law) or Design?



# 3 Stages of Evolution

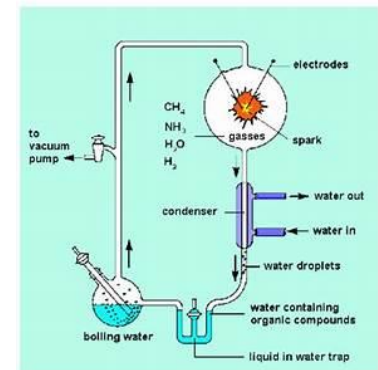
## 1. Cosmic (Stellar) Evolution

- Evolution of the universe, including galactic clusters, galaxies, stars, solar systems, planets, elements



## 2. Biochemical (Chemical) Evolution \*\*

- Evolution of first life from nonlife
- Abiogenesis



## 3. Biological (Organic) Evolution

- Evolution from common ancestor
- Molecule to man (Macro-Evolution)



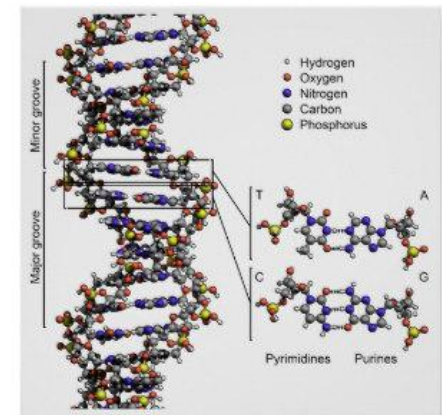
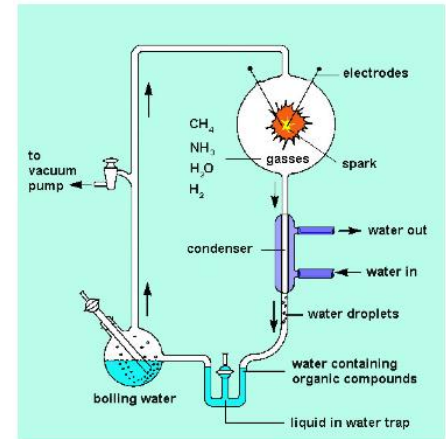
# 1. Law of Biogenesis

- Spontaneous generation of life from non-life
  - Greek philosophy of 2500 years ago
- **Abiogenesis** experiments
  - **Redi** in 1668, **Spallanzani** in 1750
  - **Virchow** in 1858, **Pasteur** in 1864
  - Spontaneous generation (**Abiogenesis**) has never been observed or shown to be possible
- Hypotheses proposed over last century
  - Primordial soup, ocean, panspermia, etc.
  - Miller's experiment

**Law of Biogenesis**  
In nature, life comes only from life and that of its kind.

# Important Milestones

- 1859 – Darwin: The Origin of Species
- 1864 – Pasteur: Abiogenesis Impossible
- 1953 – Miller's experiment
- 1953 – Discovery of DNA Double Helix
- 1980's – Intelligent Design movement
- 1990's – Dr. Gitt, Information Theory
- 2009 – Altenberg 16 meeting in Austria





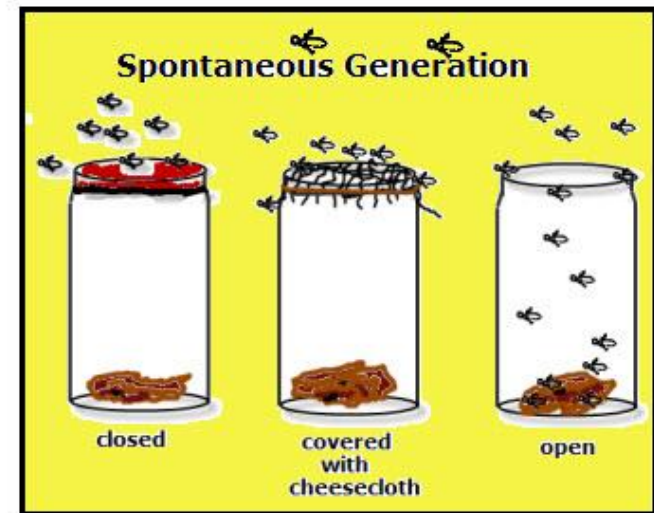
# Origin of Life: Law of Biogenesis (*CMI*)

@ Dr. Heinz Lycklama



# Spontaneous Generation

- Based on natural philosophy
- Life continuously created by chance events
- Life comes from non-life (Abiogenesis)
- Promoted by Greek philosophers
- Held sway for 2000+ years
- Put to rest by Pasteur's experiment in 1864
- Law of Biogenesis established



# Redi's Experiment – 1668

## Redi's Experiment on Spontaneous Generation

OBSERVATIONS: Flies land on meat that is left uncovered. Later, maggots appear on the meat.

HYPOTHESIS: Flies produce maggots.

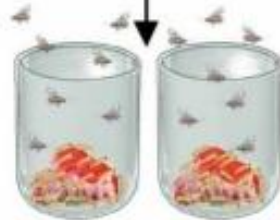
### PROCEDURE

Controlled Variables:  
jars, type of meat,  
location, temperature,  
time

Manipulated Variables:  
gauze covering that  
keeps flies away from  
meat

Responding Variable:  
whether maggots  
appear

#### Uncovered jars



Maggots appear

#### Covered jars



No maggots appear

Several  
days pass

CONCLUSION: Maggots form only when flies come in contact with meat. Spontaneous generation of maggots did not occur.

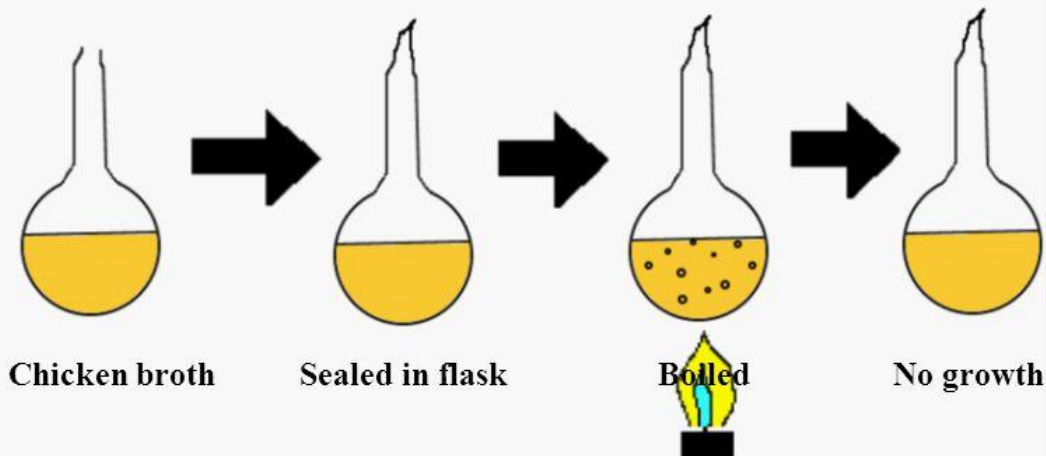


# Spallanzani Experiment

Disproving Spontaneous Generation: Lazzaro Spallanzani ~1750



Microbes develop spontaneously in chicken broth?

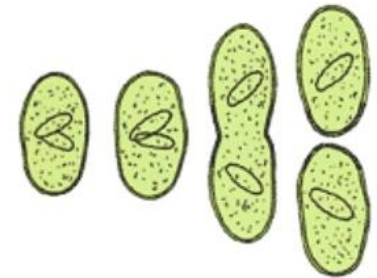


# Virchow - 1858

- German physician
  - First to witness cell division
  - Developed standard method of autopsy
- Theory of Biogenesis
  - All cells arise from pre-existing cells by cell division
- Debunked Theory of spontaneous generation

## Development of Cell Theory

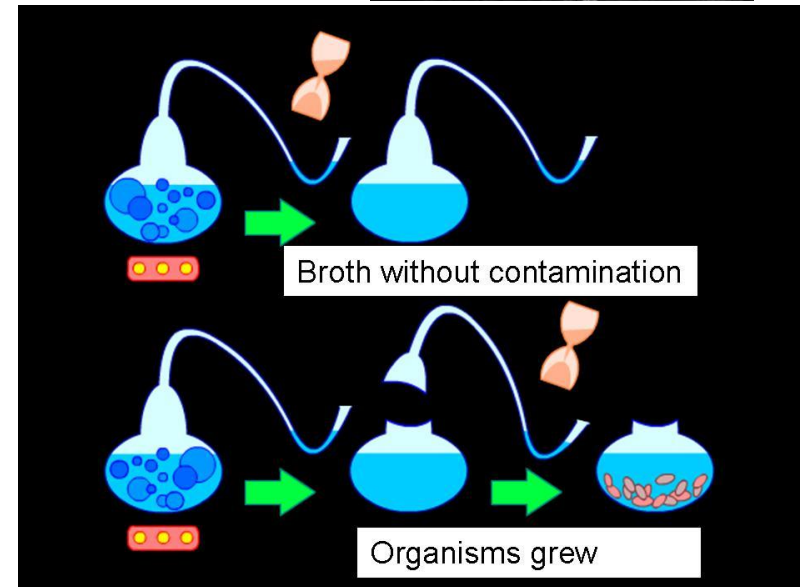
Rudolf Virchow



All cells come from preexisting cells.

# Pasteur's Experiment - 1864

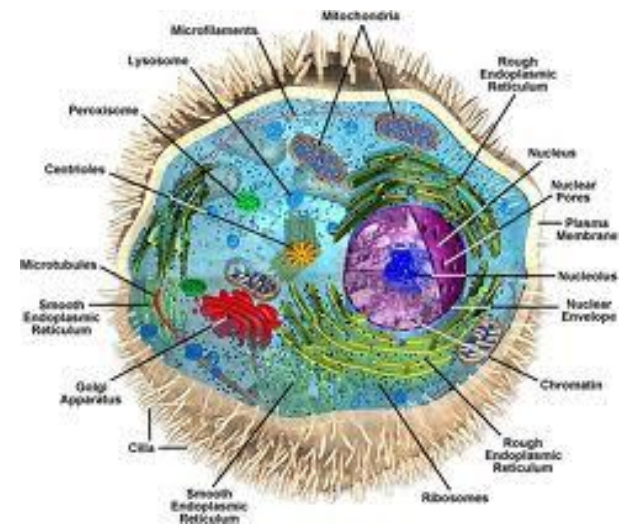
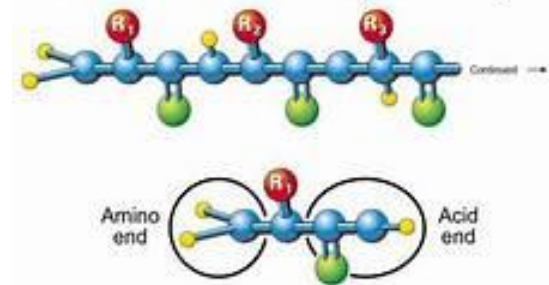
- French scientist Louis Pasteur
- Designed flask with curved neck
  - Allowed air in but kept dust and particles out
  - Put broth in flask
  - Kept free of micro-organisms
- Spontaneous generation refuted
- Law of Biogenesis



## 2. Forming Components of Life

- Proteins – chain of amino acids
- DNA (DeoxyriboNucleic Acid)
  - Double helix
  - Master genetic code
  - Information for cell activities
- RNA (RiboNucleic Acid)
  - Single strand
  - Protein building instructions
- Catalysts for transcription
- Replication
- Cell membrane
- “Chicken and egg” problem

**Amino Acid Chain (Protein)**



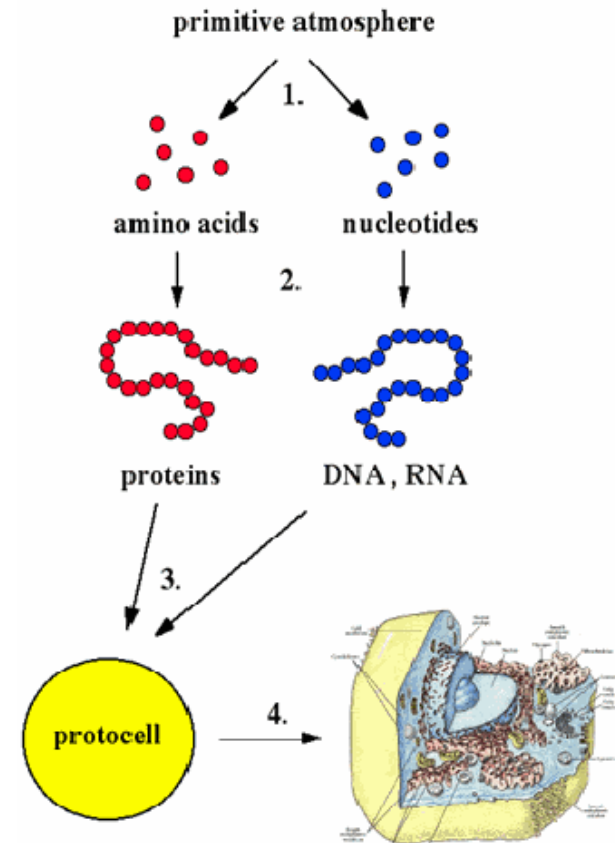
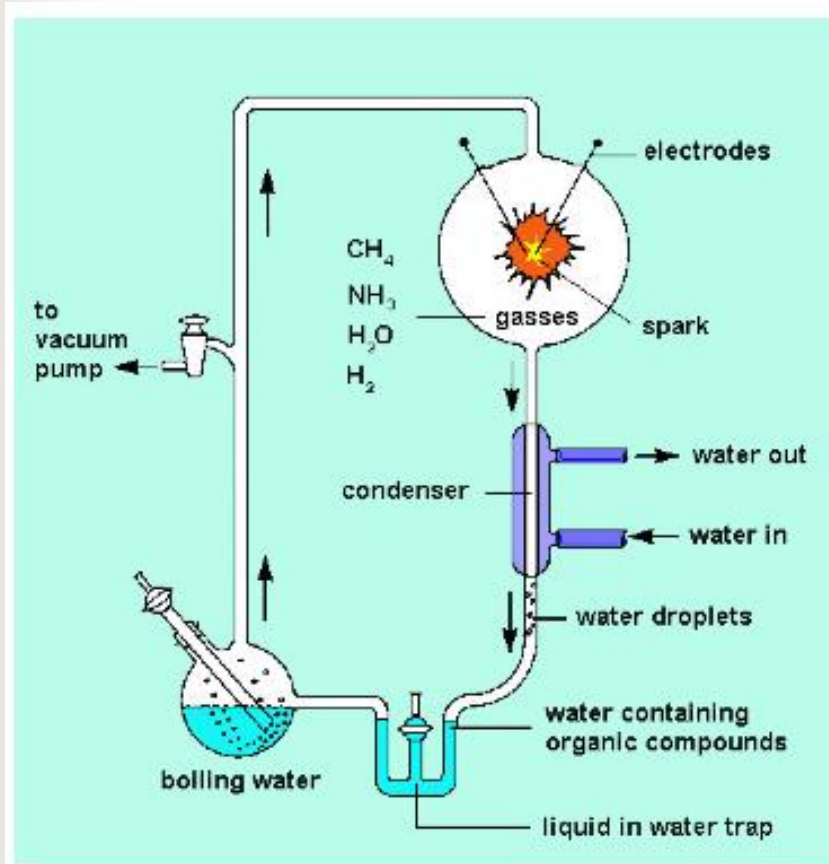
# Flaws in Early Theories

- 1924, **Oparin** – life evolved in a primordial soup via ‘coacervates’
  - Purely physical attraction
  - No real cell
  - Special conditions required
  - Very unstable
- 1928, **Haldane** – hot dilute soup
  - Heat helps break down large molecules



# 1953 – Miller's Experiment

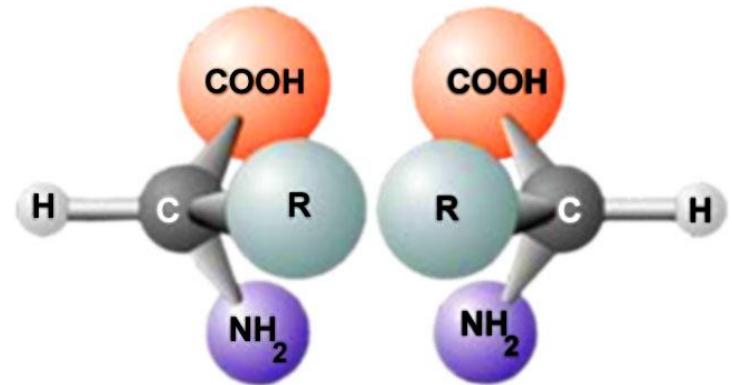
- Sparking gases to produce amino acids





# Miller Experiment Problems

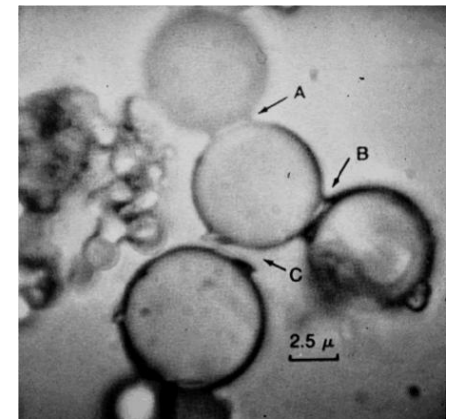
- Oxygen in atmosphere prevents formation of amino acids
- No oxygen in atmosphere - ultraviolet rays destroy amino acids
- Water decomposes molecules (hydrolysis)
- Produces mixture of LH and RH amino acids
- Low concentration of products produced
- More contaminants than useful products
- Experiment is designed



# More Flaws in Recent Theories

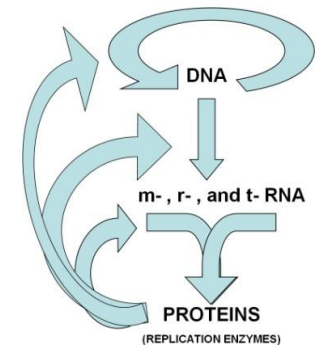
## ■ 1965, **Fox** – Proteinoid microspheres

- Can't reproduce like cells
- Pure amino acids
- Requires unrealistic geology conditions



## ■ 1967, **Woese** – Self-reproducing RNA

- RNA & components very unstable
- Improbable in primordial soup





# Yet More Flaws in Recent Theories

## ■ 1974, Cairns-Smith

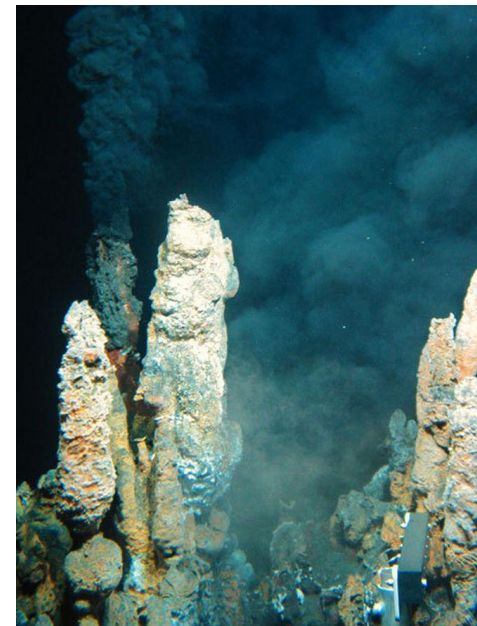
- Self-reproducing clays
- Attempt to preserve materialism
- No evidence that clay defect patterns can reproduce or act so specifically

## ■ 1988, Wachterhauser

- Surface catalysis on pyrites
- No evidence that amino acids can form
- More than a handful cannot join together

# Locations For Origins of Life?

- Primordial soup
- Bottom of the sea
- Hydrothermal vents
- Active volcano springs
- Life on clay
- Deep space or Mars
- Panspermia
- Directed panspermia





# Quote by Yockey, an Atheist

“Research on the origin of life seems to be unique in that the conclusion has already been authoritatively accepted .... What remains to be done is to find the scenarios which describe the detailed mechanisms and processes by which this happened. One must conclude that, contrary to the established and current wisdom, **a scenario describing the genesis of life on earth by chance and natural causes which can be accepted on the basis of fact and not faith has not yet been written.**”

Yockey, H. P., A calculation of the probability of spontaneous biogenesis by information theory, *Journal of Theoretical Biology* 67:377-398, 1977.



# A Self-Replicating Organism?

“Prebiotic soup is easy to obtain. We must next explain how a prebiotic soup of organic molecules, including amino acids and the organic constituents of nucleotides evolved into a self-replicating organism. While some suggestive evidence has been obtained, **I must admit that attempts to reconstruct this evolutionary process are extremely tentative.**”

[Dr. Leslie Orgel (evolutionist biochemist at the Salk Institute, California), “Darwinism at the very beginning of life,” *New Scientist*, 15 April 1982, p. 150]

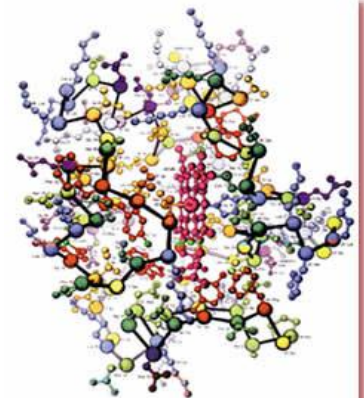


The Ribosome: a most sophisticated machine!

@ Dr. Heinz Lycklama

# 3. Life From Non-Life By Chance?

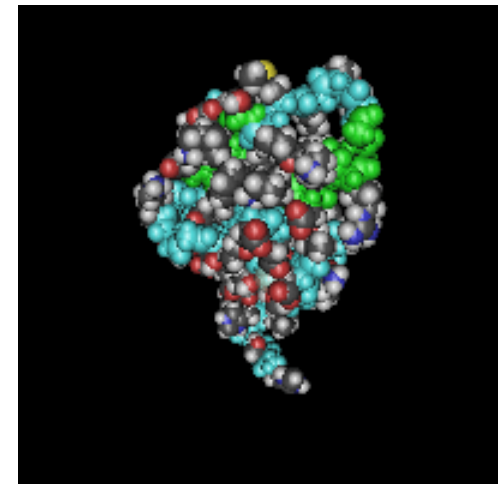
- What is the probability that an explosion in a junk yard would “create” a car?
- What is the probability of creating a Boeing airplane (5M non-flying parts) from such an explosion?
- What is the probability that 200 monkeys pawing away at a typewriter could “write” a Shakespearean play?
- What is the probability of a protein coming into being by chance?





# Proteins and Amino Acids

- Amino acids
  - A few thousand types
  - Right- and left-handed
- Proteins - the building blocks of life
  - Large organic molecule
  - Contain 100's to a few 1000 amino acids
  - Specified long sequences of amino acids
  - Contain 20 different left-handed amino acids
- Crucial protein fact
  - Absence, addition, or replacement of a single amino acid in the sequence of the structure of a protein causes protein to be useless





# Probability of Forming one Protein

- Take 200 parts and line them up in a specific order
  - 200! ways of aligning these parts =  $10^{375}$
  - Try a new alignment 1 billion times a second
  - Assuming 20 billion years of time, we have  $20 * 10^{18}$  seconds
  - The probability of finding the right alignment is practically zero, i.e. 1 in  $10^{356}$
  - Only  $10^{80}$  atoms in the whole universe
  - Anything less than **1 in  $10^{50}$**  is regarded as **zero probability**
- Living organisms contain many more than 200 parts
- Human being contains 75+ trillion cells

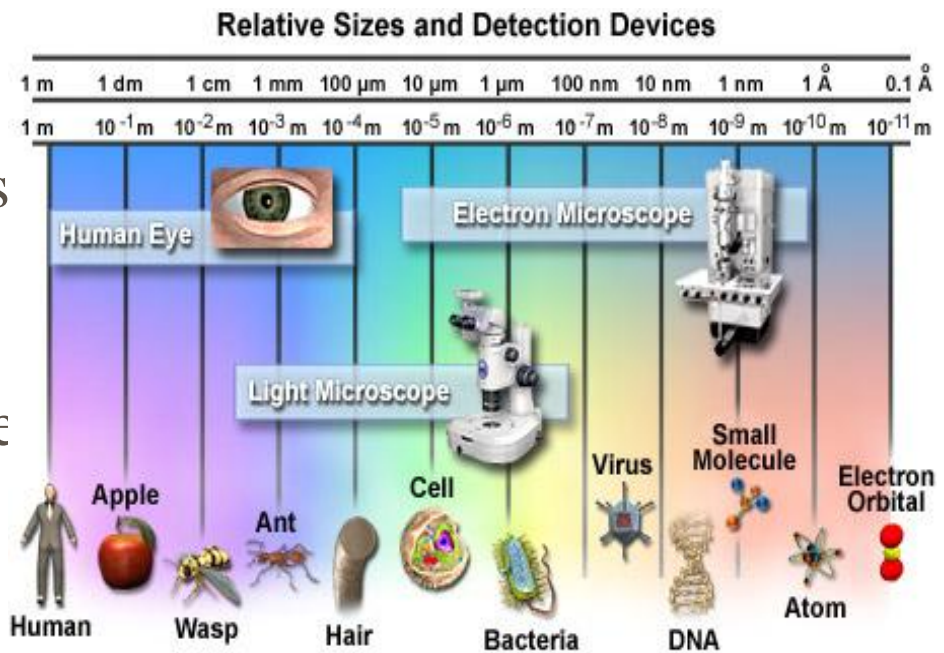
# How Simple Can Life Be?

- Cell structure unknown by Darwin
- Smallest bacteria

- 482 genes
- 600 types of proteins
- **580,000 DNA base pairs** (letters)
- Probability of chance formation is zero!

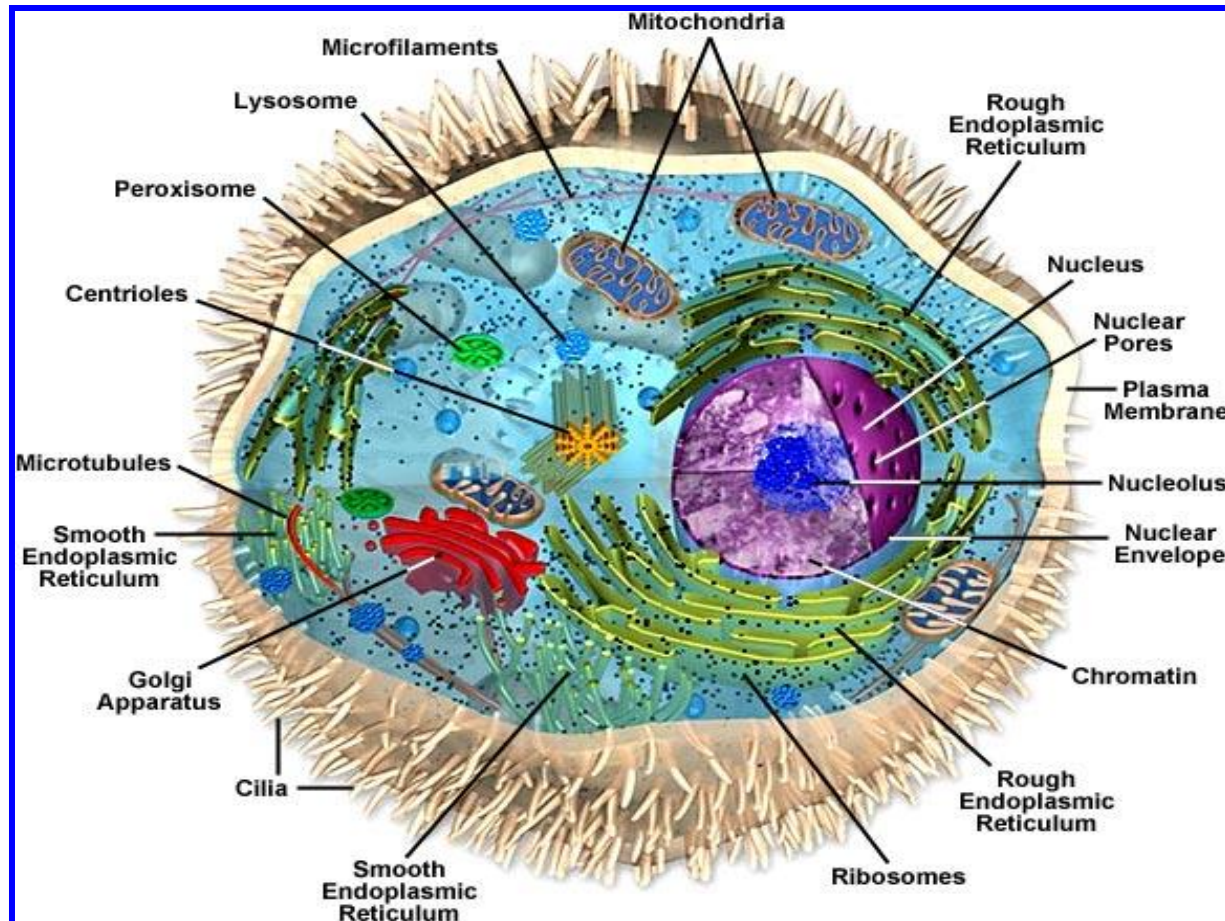
- Human genome

- 25,000 genes
- 100,000+ types of proteins
- **3,000,000,000 DNA base pairs**



# Complexity of the Cell

- Average human body contains 75+ trillion cells



# Mathematical Probability

- Chances of getting all heads in a row when flipping a coin?

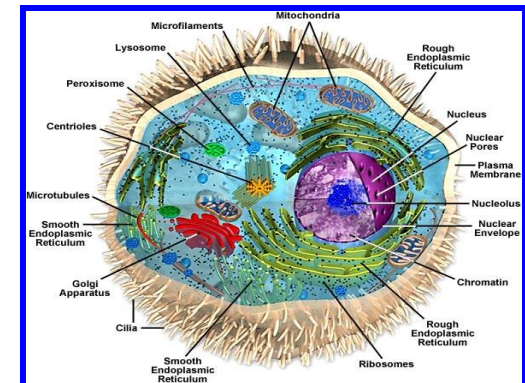
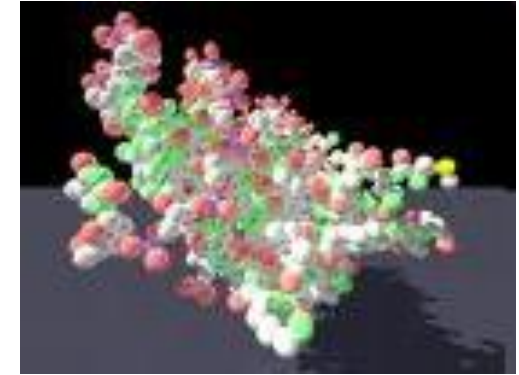


- |                       |  |
|-----------------------|--|
| ■ 1 head              | ■ 1 in 2 ( $\frac{1}{2}$ )                             |
| ■ 2 heads in a row    | ■ 1 in 4 ( $\frac{1}{2} * \frac{1}{2}$ )               |
| ■ 3 heads in a row    | ■ 1 in 8 ( $\frac{1}{2} * \frac{1}{2} * \frac{1}{2}$ ) |
| ■ 10 heads in a row   | ■ 1 in $2^{10}$ (1024) or $10^3$                       |
| ■ 100 heads in a row  | ■ 1 in $2^{100}$ or $10^{30}$                          |
| ■ 1000 heads in a row | ■ 1 in $2^{1000}$ or $10^{300}$                        |

Law of Probability:  $< 1$  in  $10^{50}$  is mathematically impossible

# Probability & Life

- A single protein: 1 in  $10^{240}$ 
  - 400 amino acids
- A single cell: 1 in  $10^{40,000}$ 
  - Spontaneous formation of life
- Atoms in the universe:  $10^{80}$
- Law of Probability: 1 in  $10^{50}$ 
  - $< 1$  in  $10^{50}$  is mathematically impossible





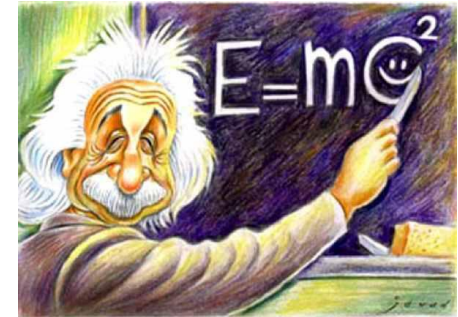
# Spontaneous Formation of Life?

“The likelihood of the spontaneous formation of life from inanimate matter is one to a number with **40,000 noughts** after it. It is big enough to bury Darwin and the whole theory of evolution. There was no primeval soup, neither on this planet nor on any other, and if the beginnings of life were not random, **they must therefore have been the product of purposeful intelligence.**”

Wickramasinghe, professor of applied mathematics and astronomy, UK

# 4. Life Requires Information

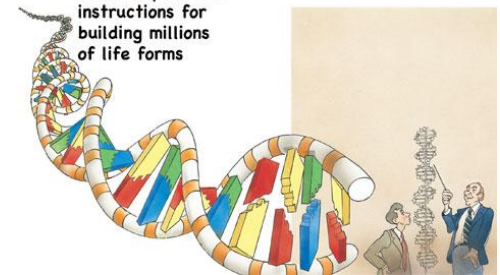
- Evolution presupposition
  - The universe consists of only two *material* entities – mass and energy
- A 3<sup>rd</sup> *non-material* entity: information
- Life consists of:
  - Mass + energy (*material*) + information (*non-material*)
  - Information is encoded in the DNA of all plant and animal cells
- Information has four parts:
  - Code, meaning, action, purpose



Book 3

**DNA –**  
The Cell's  
Library of  
Information

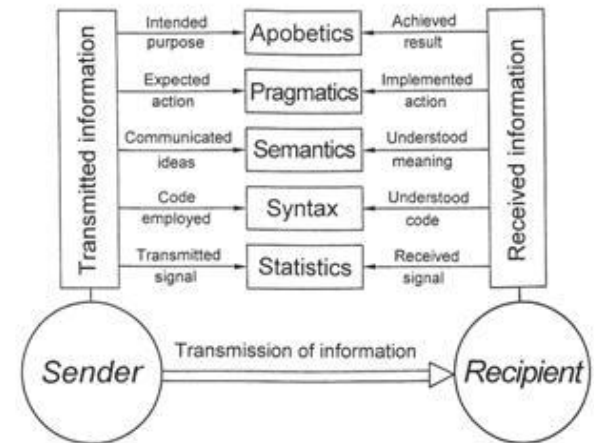
How the four-letter language of DNA spells out instructions for building millions of life forms





# Information Definitions

- Information attributes:
  - Code (syntax): alphabet, DNA (ATCG)
  - Meaning (semantics): words, codons
  - Expected Action (pragmatics)
  - Intended Purpose (apobetics): design, result
- All structural attributes are non-material
- Information is an encoded, symbolically represented message conveying expected action and intended purpose.



# The Nature of Information

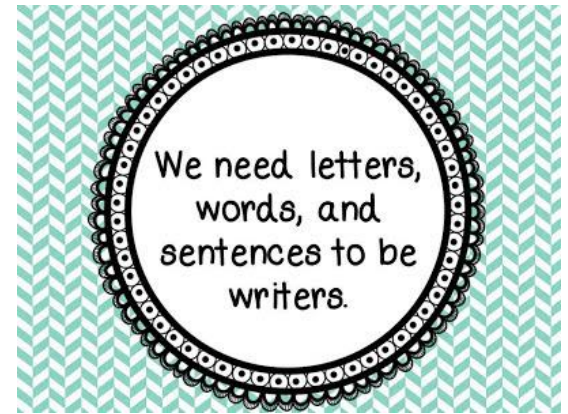


A 0065	B 0066	C 0067	D 0068	E 0069	F 0070	G 0071
H 0072	I 0073	J 0074	K 0075	L 0076	M 0077	N 0078
O 0079	P 0080	Q 0081	R 0082	S 0083	T 0084	U 0085
V 0086	W 0087	X 0088	Y 0089	Z 0090		



# Information in Writing

- Information requires:
  - Code: letters, numbers, etc.
  - Meaning: words
  - Action: sentence with verb
  - Purpose: result, design
- Complex but unspecified  
*neojct oheeh otvp ct mo muj*
- Specified Complexity  
*the cow jumped over the moon*



# Information in Computers



Example of Pseudocode to determine odd-even number

**BEGIN**

Number = Input Number

Result = Number % 2

IF Result = 0

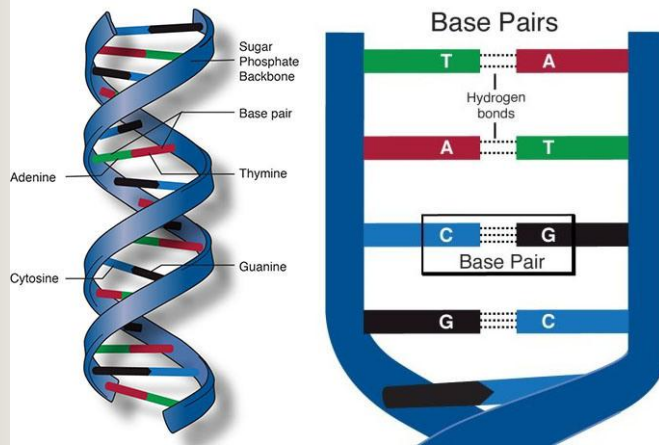
  THEN Print "The number is even number"

ELSE

  THEN Print "The number is odd number"



# Information in Living Systems

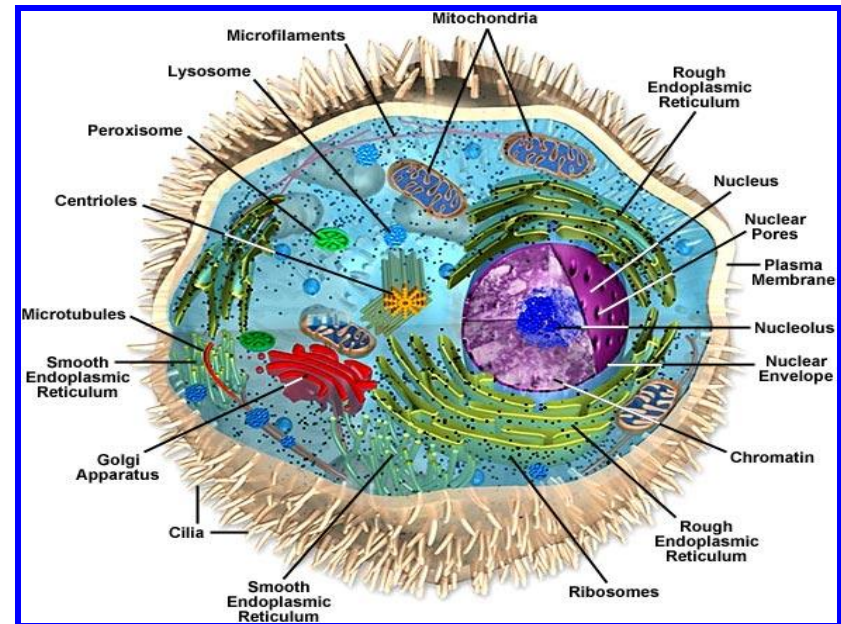


**DNA the molecule of life**

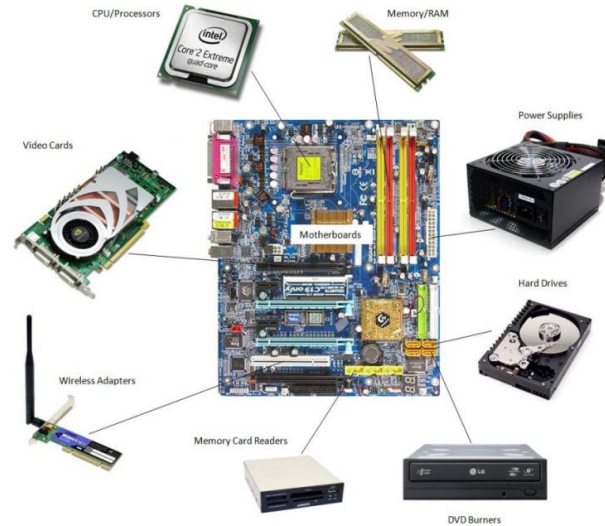
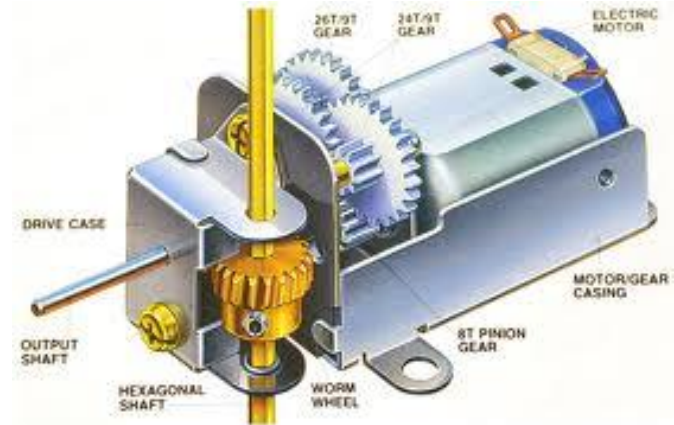
Trillions of cells  
Each cell:

- 46 human chromosomes
- 2 meters of DNA
- 3 billion DNA subunits (the bases: A, T, C, G)
- Approximately 30,000 genes code for proteins that perform most life functions

The diagram shows a cell containing chromosomes and a cell. A detailed view of a DNA double helix shows a segment labeled 'gene' being transcribed into a 'protein' molecule. The bases A, T, C, and G are clearly visible on the DNA strands.

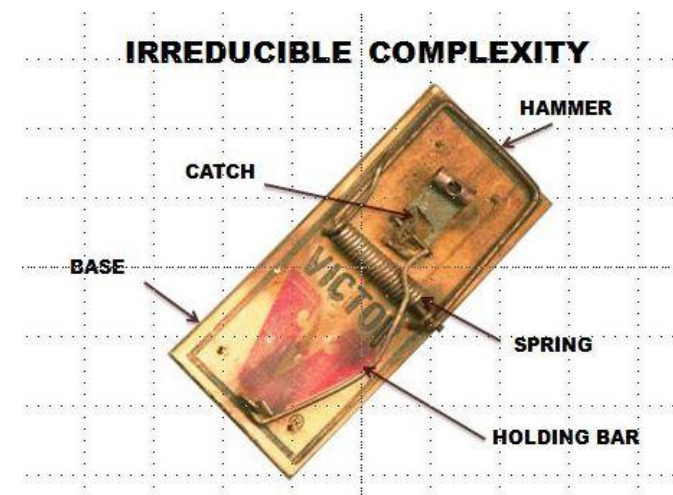
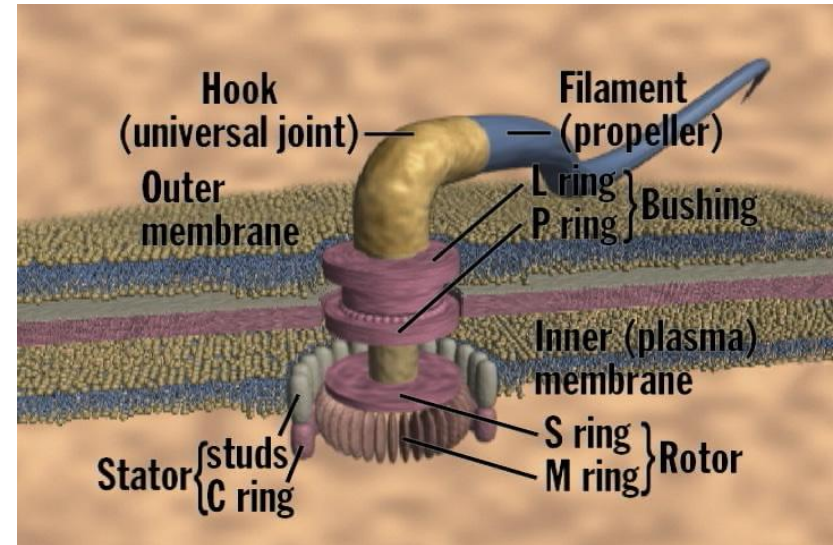


# The Nature of Machines

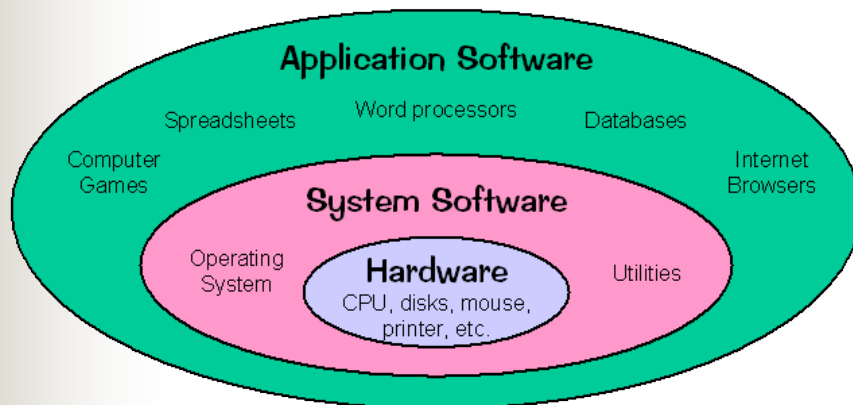
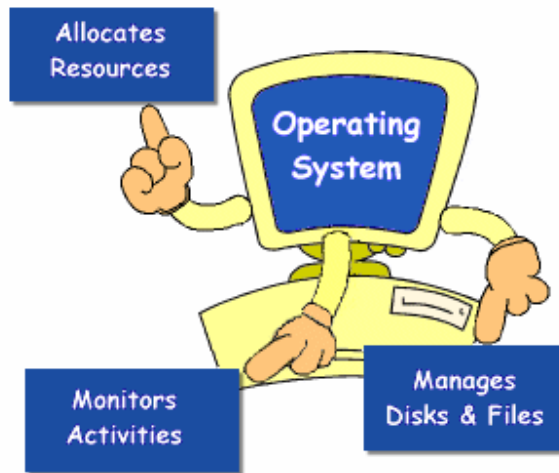


# Molecular Machines, e.g. Motors

- Behe showed that the cell, Darwin's Black Box, is filled with **Irreducibly Complex** (**all parts functional**) molecular machines that could not be built by natural selection
- Over 100 molecular motors are now known to exist inside the cell with very specific analogies to human designed motors



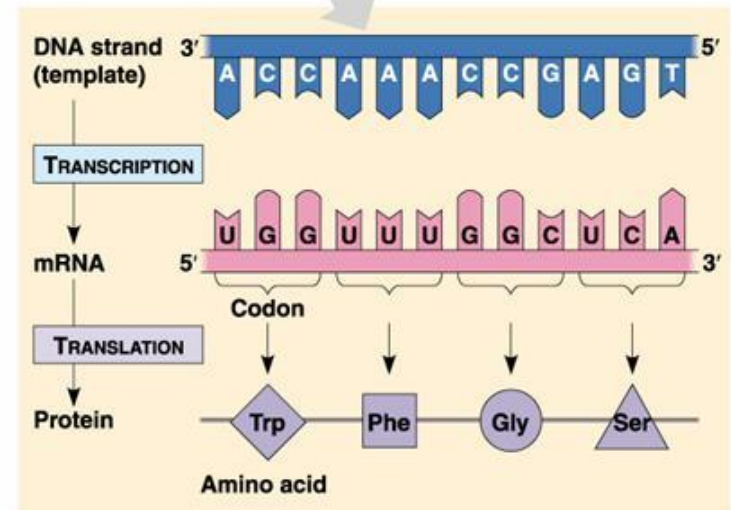
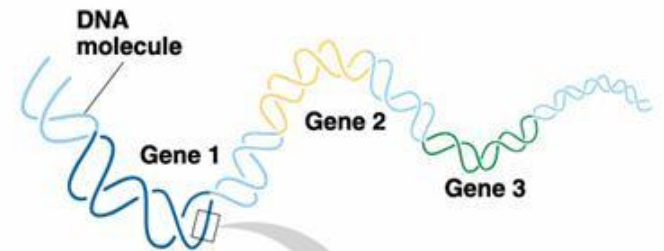
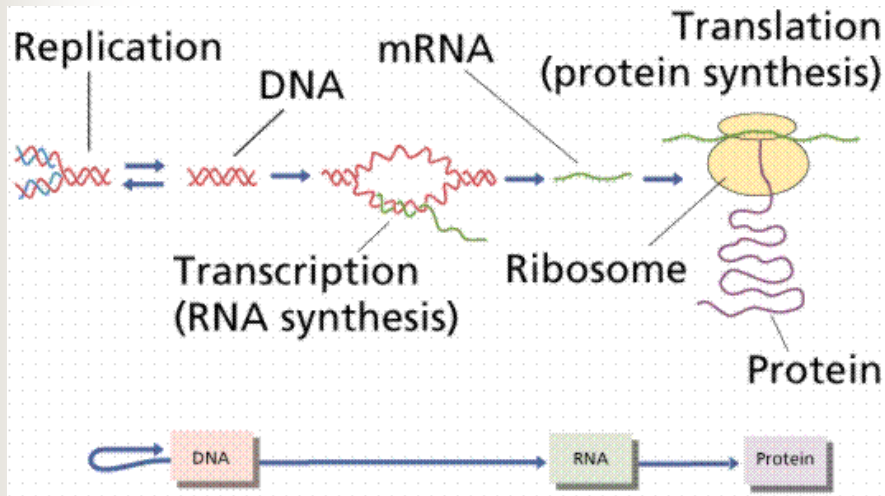
# The Nature of Programs



```
1 /**
2  * @version 1.30 2000-03-27
3  * @author Cay Horstmann
4  */
5
6 import java.util.*;
7
8 public class CalendarTest
9 {
10     public static void main(String[] args)
11     {
12         // construct d as current date
13         GregorianCalendar d = new GregorianCalendar();
14
15         int today = d.get(Calendar.DAY_OF_MONTH);
16         int month = d.get(Calendar.MONTH);
17
18         // set d to start date of the month
19         d.set(Calendar.DAY_OF_MONTH, 1);
20
21         int weekday = d.get(Calendar.DAY_OF_WEEK);
22
23         // print heading
24         System.out.println("Sun Mon Tue Wed Thu Fri Sat");
25
26         // indent first line of calendar
27         for (int i = Calendar.SUNDAY; i < weekday; i++)
28             System.out.print(" ");
29
30         do
31         {
32             // print day
33             int day = d.get(Calendar.DAY_OF_MONTH);
34             if (day < 10) System.out.print(" ");
35             System.out.print(day);
36
37             // mark current day with *
38             if (day == today)
39                 System.out.print(" * ");
40             else
41                 System.out.print(" ");
42
43             // start a new line after every Saturday
44             if (weekday == Calendar.SATURDAY)
45                 System.out.println();
46
47             // advance d to the next day
48             d.add(Calendar.DAY_OF_MONTH, 1);
49             weekday = d.get(Calendar.DAY_OF_WEEK);
50         }
51         while (d.get(Calendar.MONTH) == month);
52         // the loop exits when d is day 1 of the next month
53
54         // print final end of line if necessary
55         if (weekday != Calendar.SUNDAY)
56             System.out.println();
57     }
58 }
```



# Programs in the Cell



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“Human DNA is like a computer program but far, far more advanced than any software we’ve ever created.”

*Bill Gates, Microsoft*



# Presuppositions and Information

- Evolution presupposition
  - The universe consists of only two *material* fundamental entities – mass and energy
- A third presupposition
  - *Non-material* entity: information
- Information is encoded within the DNA/RNA of all plant and animal cells
- Life = material + (nonmaterial) information
- Information has the following four components:
  - Code, meaning, action, purpose

# Life: Information, Complexity, Design

- Information in living systems

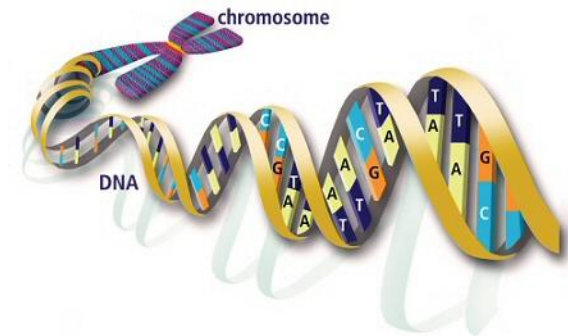
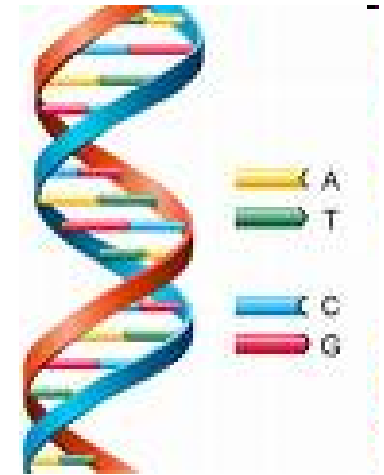
- DNA: base pairs (AT, CG),  
codons, 20 left-handed amino acids



- Biological systems exhibit Specified Complexity and use Irreducibly Complex (all parts) subsystems
- Naturalistic mechanisms or undirected causes do not suffice to explain origin of Complexity
- Intelligent Design constitutes the best explanation for the origin of Specified Complexity and Irreducible Complexity in biological systems

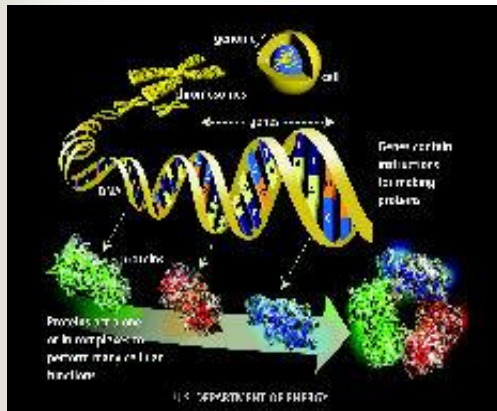
# More on Information in Life

- Code: 4 letters – adenine (A), cytosine (C), guanine (G), thymine (T)
  - Words (codons) composed of 3 letters
- Meaning: each 3-letter word represents 1 of the 20 [left-handed] amino acids necessary for protein formation
  - Sequence of codons in the DNA represents sequence of amino acids in a protein
- Action: proteins needed for construction, function, maintenance, reproduction of the organism and its cellular components
- Purpose: reproduction of life



# Evidence for Design in Life

- **Biology**: the presence of complex and functionally integrated machines has cast doubt on Darwinian mechanisms of self-assembly
- **Molecular biology**: the presence of information encoded along the DNA molecule has suggested the activity of a prior designing intelligence



Harvard biologist **Richard Lewontin** urges scientists to embrace a "materialism [that] is absolute" and to stick with "material explanations, no matter how counter intuitive."



# Living Matter and Information

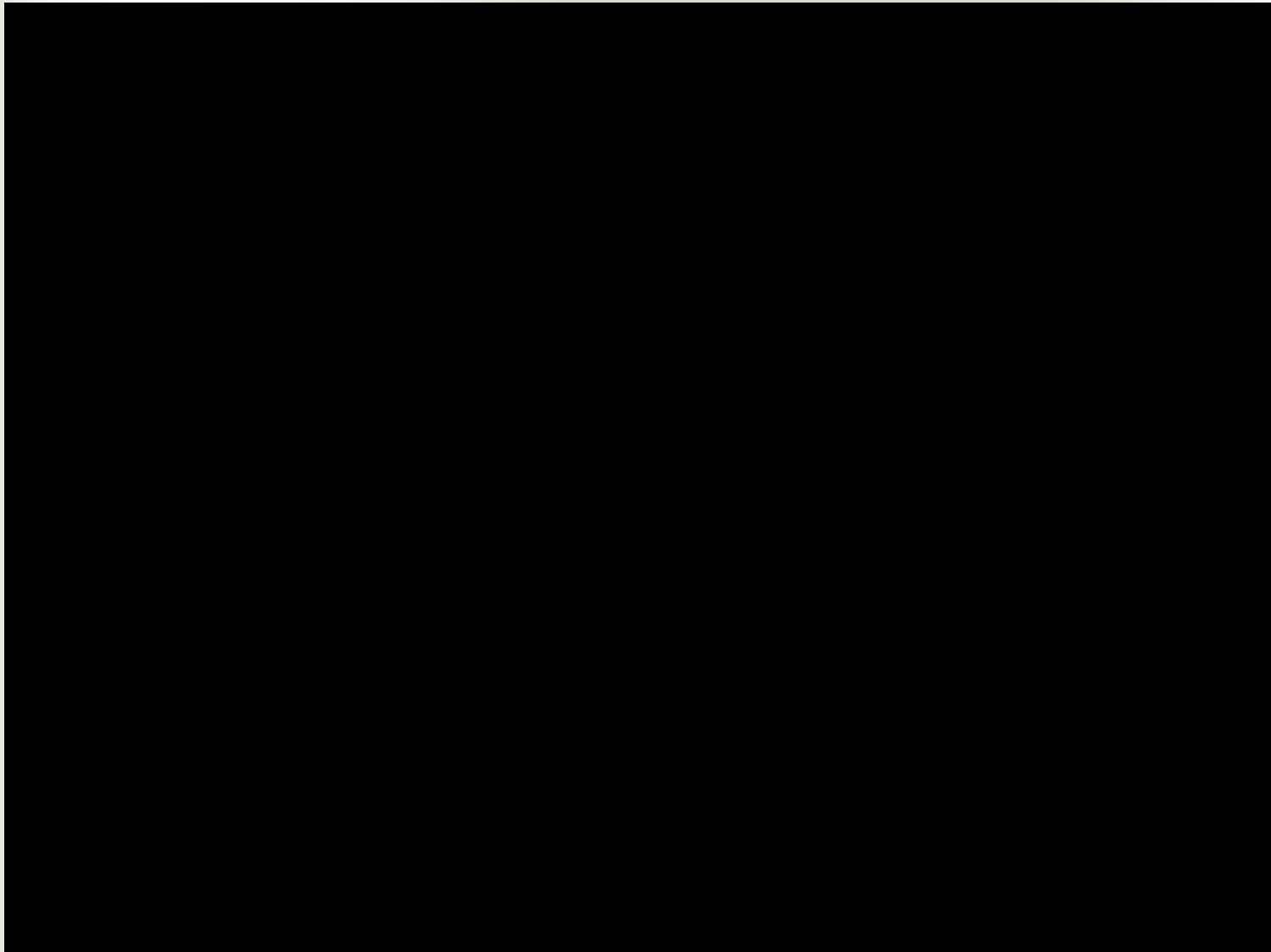
“It’s a shame that there are precious few hard facts when it comes to the origin of life. We have a rough idea when it began on Earth, and some interesting theories about where, but the how part has everybody stumped.

**Nobody knows how a mixture of lifeless chemicals spontaneously organized themselves into the first living cell.”**

- Paul Davies, *Australian astrobiologist* [Evolutionist]

**“There is no known law of nature, no known process and no known sequence of events which can cause information to originate by itself in matter.”**

- Werner Gitt, *German information scientist* [Creationist]

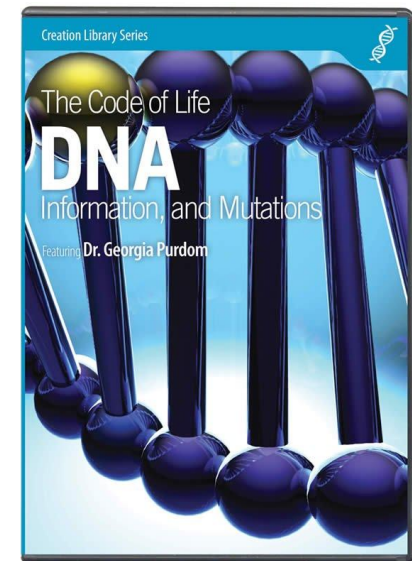
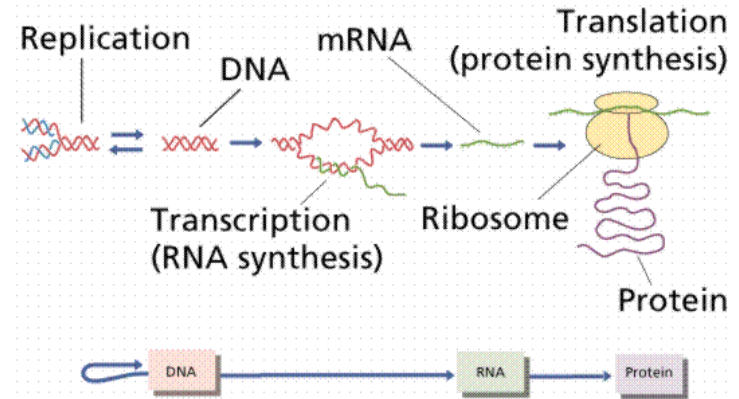


# DNA Is Code – Who Coded It?

@ Dr. Heinz Lycklama

# Life Requires Information

- Life = mass + energy (*material*) + information (*non-material*)
- Life requires:
  - Information stored in DNA
  - Machines (storage + programming)
  - Programs, e.g. replication
  - Irreducible Complexity (all parts)
  - Specified Complexity (meaning)
  - Design requires an Intelligent Mind
- Life from non-life? NOT by chance!
  - Information IS the basis for life
  - Information requires an Intelligent Mind





# Quote by Harvard Atheist

**The Origin of Life.** This problem is one of the big ones in science. It begins to place life, and us, in the universe.

Most Chemists believe, as I do, that **life emerged spontaneously from mixtures of molecules** in the prebiotic Earth.

**How?**

**I have no idea.**



**George Whitesides**  
**Chemist**  
**Harvard University**

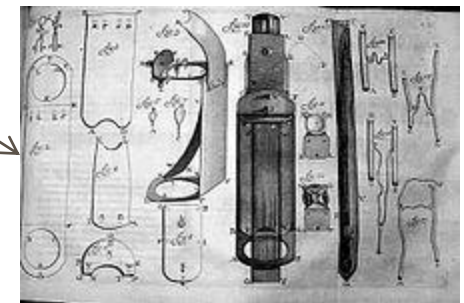
# Antony van Leeuwenhoek

- Dutch scientist, 1632-1723
- Designed single-lensed microscopes
- First microscopist
- Discovered microorganisms
- Father of Microbiology
- Observed bacteria, red blood cells, etc.
- Recognition by British Royal Society

Van Leeuwenhoek's  
microscopes

Bacteria magnified  
10,000 times

Creation Magazine, 2019



# Quote By van Leeuwenhoek

“From all these observations, most plainly we discern the incomprehensible perfection, the exact order, and the inscrutable providential care with which the most wise Creator and Lord of the Universe has formed the bodies of these Animalcules, which are so minute as to escape our sight, to the end that the different species of them may be preserved in existence. And this ... must surely convince all of the absurdity of those old opinions, that living creatures can be produced from corruption or putrefaction.”



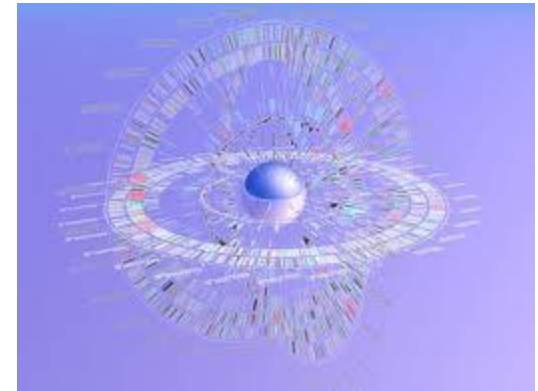
# Chance, Necessity or Design?

## Scratches on cave wall

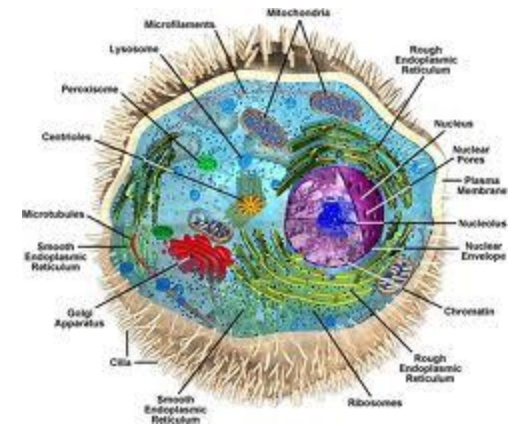


## Human genome

3B  
Base  
Pairs



75T  
Cells



# The Evolutionists' Response?

- “Even if all the data point to an intelligent designer, such a hypothesis is excluded from science because it is not naturalistic.”

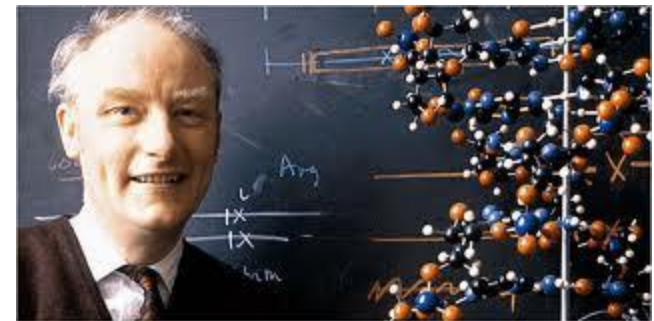
- S.C. Todd, Kansas State University Professor

- “Biology is the study of complicated things that have the appearance of having been designed for a purpose.”

- Richard Dawkins, Oxford Univ. Atheist Biologist

- “Biologists must constantly keep in mind that what they see was not designed, but rather evolved.”

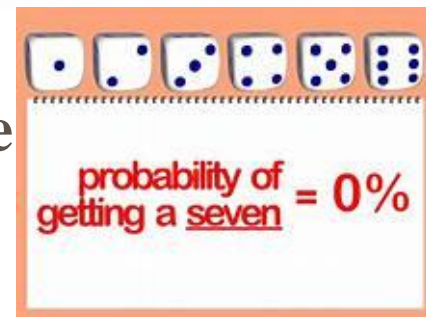
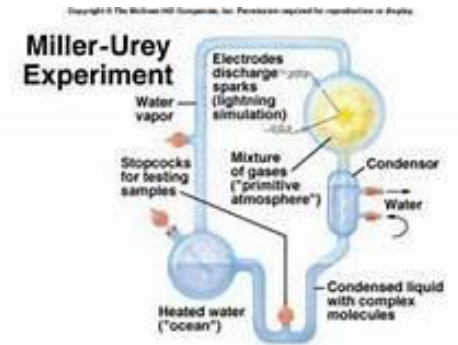
- Francis Crick, Co-discoverer of DNA



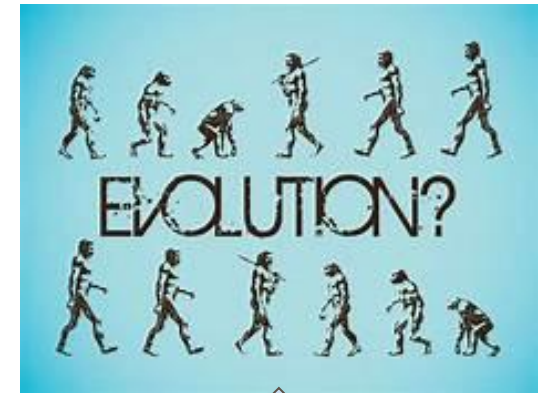
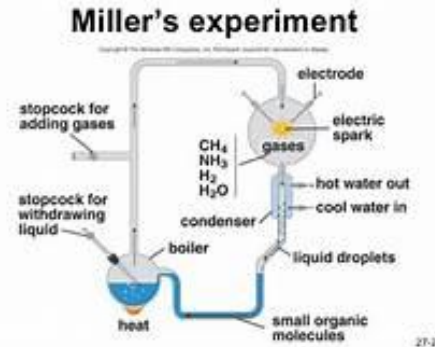
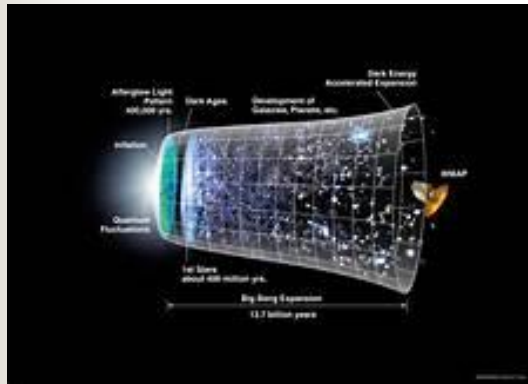
# Life By Random Chance Processes Impossible

1. Law of Biogenesis has never been falsified
  - **Louis Pasteur experiment** in 1864
2. Forming components of life
  - **Miller experiment failed**
  - Production in various environments fails
3. Mathematical probability of forming life by means of random chance processes is impossible – 1 in  $10^{**}40,000$ 
  - Probability of  $< 1$  in  $10^{**}50$  is **impossible**
4. Information is the key to life
  - Information requires an **intelligent mind**

**Law of Biogenesis**  
In nature, life comes only from life and that of its kind.



# Evolution Can't Even Get Started!



**Thank you**

**Dr. Heinz Lycklama**

**heinz@osta.com**

**www.HeinzLycklama.com/messages**



# Refuting Evolution with Science

## Origin of Universe

1. Missing antimatter
2. Missing monopoles
3. Horizon problem
4. Cosmic inflation



## Origin of First Life

1. Law of biogenesis
2. Miller's experiment
3. Mathematical probability
4. Life requires information



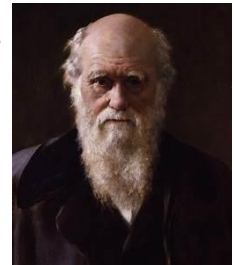
## Origin of Complex Life

1. Micro vs. Macro Evolution
2. No transitional fossils
3. No human evolution
4. 2<sup>nd</sup> law of thermodynamics



## Darwin's Doubts

1. No transitional fossils
2. Cambrian explosion
3. Complex organs, eye
4. Warm little pond



[HeinzLycklama.com/messages/general/RefutingEvolution.ppt](http://HeinzLycklama.com/messages/general/RefutingEvolution.ppt)





# Lycklama Powerpoint Lectures

<http://www.heinzlycklama.com/message/lectures/>

- Information - The Basis For Life
- Our Privileged Planet
- Evolution's Four Fatal Flaws
- Has Science Now Buried God?
- Science and the New Atheists
- Origins Pseudoscience Today
- Refuting Evolution



# Reference Books

- The Origin of Species, 6<sup>th</sup> Edition 1872, Charles Darwin
- Darwin's Doubt, Dr. Stephen Meyer
- Darwin on Trial, Dr. Philip Johnson
- Darwin's Black Box, Michael Behe
- Design Inference, William Dembski
- Without Excuse, Dr. Werner Gitt
- Evolution's Achilles Heels, CMI
- Not By Chance!, Dr. Lee Spetner

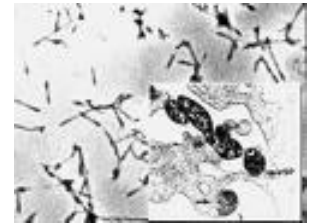


# More Reference Books

- Programming of Life Prerequisites, Don Johnson
- Programming of Life, Don Johnson
- Probability's Nature and Nature's Probability, Don Johnson
- The Greatest Show on Earth, Richard Dawkins
- The Greatest Hoax on Earth, Jonathan Sarfati
- Icons of Evolution, Jonathan Wells
- Zombie Science, Jonathan Wells

# Life Cannot Originate From Non-Life by Random Chance

- Spontaneous generation (chemical evolution) has never been observed or shown to be possible
  - Redi in 1688, Spallanzani in 1780
  - Pasteur in 1860, Virchow in 1858
- Law of Biogenesis has never been falsified
- Non-complex life form is impossible
  - Mycoplasma, simplest self-reproducing organism, has 482 genes with 580,000 'letters' (base pairs)
  - Requires parasitizing a more complex organism
  - Parasitism resulted from loss of genetic information

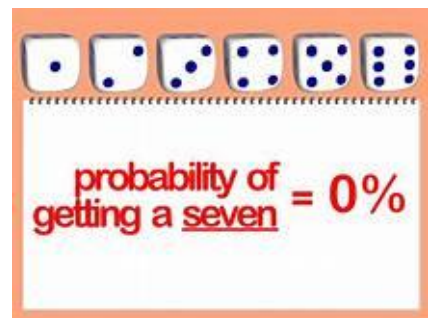
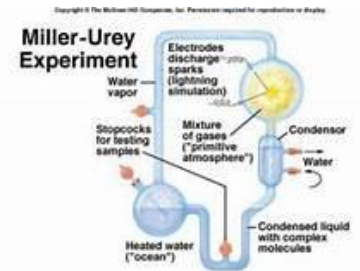


# Life by Random Chance Processes Impossible

## Law of Biogenesis

In nature, life comes only from life and that of its kind.

1. **Law of Biogenesis** established
  - Pasteur's experiment in 1864
2. **Life components** did not self-organize
  - Miller's experiments (+ others) failed
3. **Mathematical probability** of forming first living cell by natural random chance processes (1 in  $10^{40,000}$ ) ? **NO**
4. **Life requires information**
  - Information requires an **intelligent mind**



# Three Impossible Hurdles For Naturalism

## 1. Origin of the universe

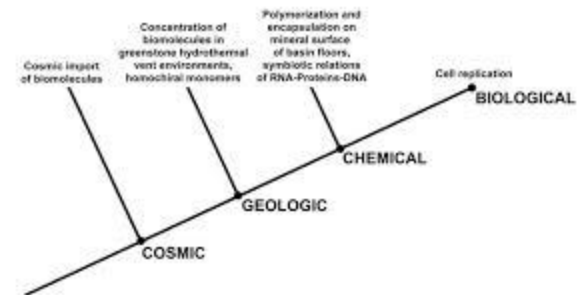
- Elements, matter, energy, galaxies, stars, planets

## 2. Origin of first life \*\*

- Non-life to life (abiogenesis)

## 3. Origin of complex life forms

- Macro-Evolution



# 8. Conclusions

- Origin of universe still in question
  - Big Bang theory built on assumptions
  - Assumptions built on unknown assumptions
- First life did not, cannot and will not happen by random chance processes
  - Information is required for life
- Complex life by random chance processes is impossible
  - Disagrees with known science
- Darwin's doubts remain doubts
  - Fossils, primordial soup, human eye, etc.
- Evolution is not supported by science

