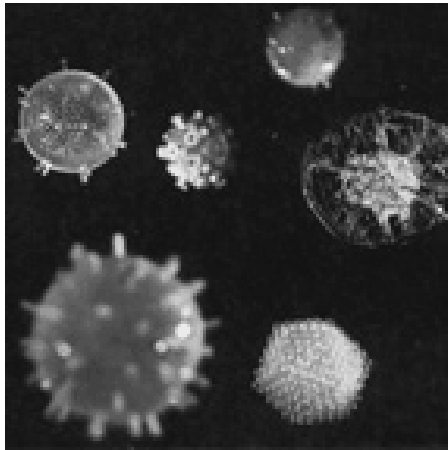


I Feel Alive!

People have always speculated about how life began. Today, we still don't have the answer to the origin of life on Earth. There are, however, some ideas...

1. One classic experiment was conducted by Stanley Miller and Harold Urey in 1953. What was the result of this experiment?
2. What is the "RNA world" hypothesis?
3. What was Aleksandr Oparin's idea?
4. Günter Wächtershäuser had a stinky theory about life. What was his basic idea?



The cell theory developed from the 15th through the 19th century.

1. What were the contributions of the following people to this theory:

Francesco Redi	Robert Hooke
Louis Pasteur	Antony van Leeuwenhoek
John Tyndal	Matthias Schleiden
Rudolf Virchow	Theodor Schwann

2. The development of the microscope was critical to the development of the cell theory. What is the difference between a light microscope and an electron microscope?
3. What can a confocal laser microscope do that a compound light microscope can't?
4. The new Nanotechnology centre at the University of Alberta has some of the newest kinds of microscope. Find some information on this device.

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