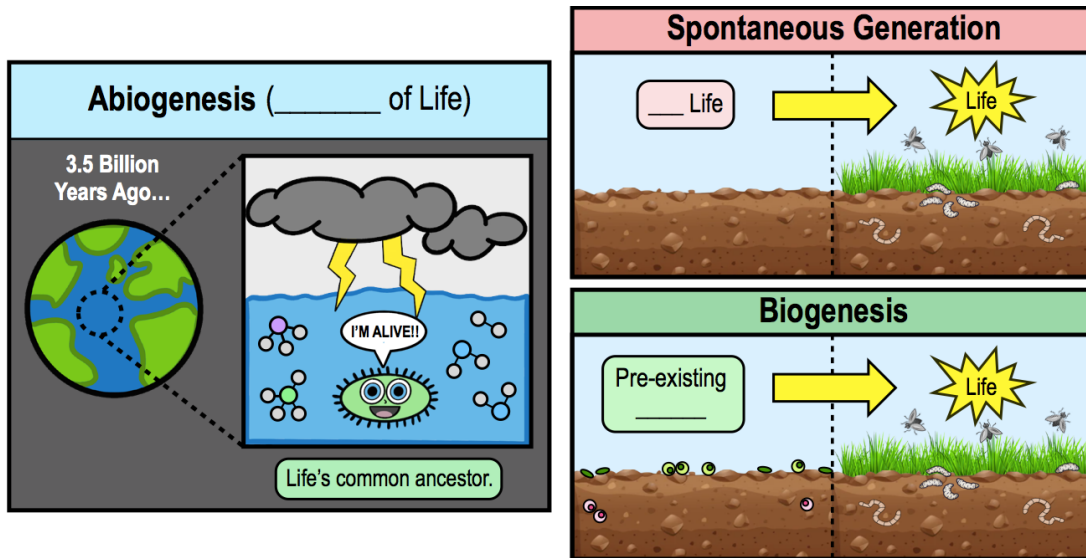


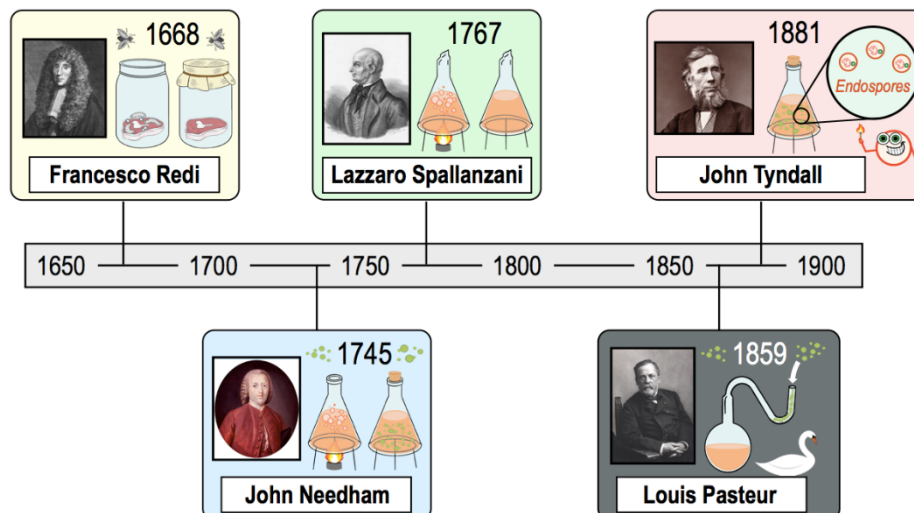
## CONCEPT: INTRODUCTION TO SPONTANEOUS GENERATION

- Today it is well known that \_\_\_\_\_ life is only produced by \_\_\_\_\_-existing life, but that was not always the case.
- For *thousands* of years, many \_\_\_\_\_ believed *life generated from non-living material*.
  - **Spontaneous Generation**: *regular conversion of \_\_\_\_\_-living matter to complex living organisms (soil → worms).*
  - \_\_\_\_\_ **biogenesis**: theory of a \_\_\_\_\_, likely *onetime* event of the *origin* of *simple* life from non-living matter.
  - \_\_\_\_\_ **genesis**: theory that living organisms arise only from \_\_\_\_\_-existing life.



## Biogenesis vs. Spontaneous Generation

- From 1668 to 1881, many experiments were conducted to either prove/disprove *biogenesis* or *spontaneous generation*.



**PRACTICE:** \_\_\_\_\_ is the theory that living organisms require pre-existing life in order to generate.

- a) Abiogenesis.
- b) Biogenesis.
- c) Evolution.
- d) Spontaneous Generation.