

TEORÍAS SOBRE EL ORIGEN DE LA VIDA

Oswin González-Galá Jimena - Orión Zavala-Guerrero Nazareth 101

Existen 5 teorías sobre el origen de la vida, las cuales son:



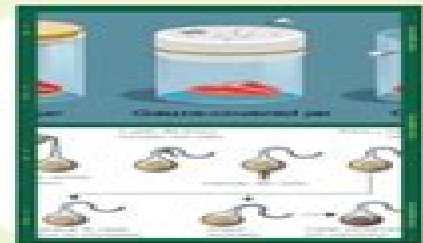
Creacionismo.

- Surge desde la racionalidad humana-espiritualidad.
- El hombre siempre se ha cuestionado su origen.
- Pensamiento mágico- Evita el miedo a la incertidumbre.
- En todas las religiones.
- LA VIDA FUE ORIGINADA POR DIOS.

La generación espontánea.

- Consiste en la idea de que en circunstancias adecuadas puede originarse vida a partir de materia inerte en descomposición de manera espontánea.
- Vitalismo: La vida surge por una fuerza vital, Aristóteles, aristotélica.
- Materialismo: La vida surge por unión de elementos específicos. Aristóteles, Atomistas.
- Naturalismo: Era como ser científico, estudiaban las plantas, animales etc.
- Robert Hooke: Hizo el primer microscopio.
- Leeuwenhoek: Perfecciona el microscopio.

- Leeuwenhoek a través de su microscopio vio bacterias y protozoos en agua de charco (animálculos).
- Francesco Redi experimentó con carnes.
- Helmholtz tenía recetas para generar ratones, serpientes y sapos.
- Heinrich Goldie de animalículos.
- Lazzaro Spallanzani.
- Luis Pasteur: Dio las bases de la pasteurización, creó las primeras vacunas, de la rabia, etc.
- Finalmente descarta la vida vital.



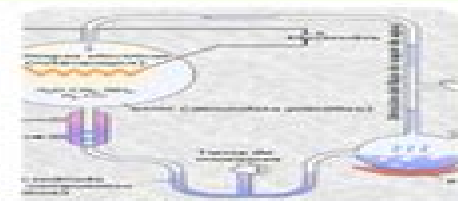
1903-Panspermia. Arrhenius

- Arrhenius sostiene que la vida en el planeta Tierra es de origen extraterrestre.
- Redi encontraron ratones viviendo en lava.
- Teoría de Arrhenius panspermia.
- Panspermia clásica: la luz de las estrellas podía atrapar esporas, las transportaba por el espacio y llegaban a la Tierra donde evolucionaban e iniciaba la vida (teoría descartada).
- panspermia química o litopanspermia: la vida se originó a partir de los microorganismos que llegaron a la Tierra a través del interior de rocas o meteoritos, donde podían estar protegidos de la radiación ultravioleta del sol (teoría más aceptada).
- panspermia dirigida: Francis Crick y Leslie Orgel, sugieren de manera similar la teoría de litopanspermia por civilizaciones extraterrestres a través del espacio en forma de microorganismos con la finalidad de introducirlos como especies exóticas en aquellos planetas sin vida. (elimina algunas objeciones a las otras teorías).



Síntesis abiótica.

- Es la teoría más aceptada, Oparin y Haldane en 1924.
- El "caldo primitivo"



Afluentes termales.

- Propuesta por el oceanógrafo John B. Gortse en 1977.
 - Propone a estos ambientes acuáticos como el lugar adecuado para la síntesis de compuestos orgánicos que llevan al origen de la vida en la Tierra.
 - LUCA.
- Es el acrónimo de Last Universal Common Ancestor y se refiere al ancestro común de todos los seres vivos en el planeta.



El Origen De La Vida Repuesta A Nuestros Hijos

Coleccion N Familias Nuevas

G Orfield



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Table of Contents El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas

1. Understanding the eBook El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - The Rise of Digital Reading El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Advantages of eBooks Over Traditional Books
2. Identifying El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - User-Friendly Interface
4. Exploring eBook Recommendations from El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Personalized Recommendations
 - El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas User Reviews and Ratings
 - El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas and Bestseller Lists
5. Accessing El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas Free and Paid eBooks
 - El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas Public Domain eBooks
 - El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas eBook Subscription Services
 - El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas Budget-Friendly Options
6. Navigating El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas eBook Formats
 - ePub, PDF, MOBI, and More
 - El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas Compatibility with Devices
 - El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Highlighting and Note-Taking El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Interactive Elements El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas

8. Staying Engaged with El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
9. Balancing eBooks and Physical Books El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Setting Reading Goals El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Fact-Checking eBook Content of El Origen De La Vida Repuesta A Nuestros Hijos Coleccia N Familias Nuevas
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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