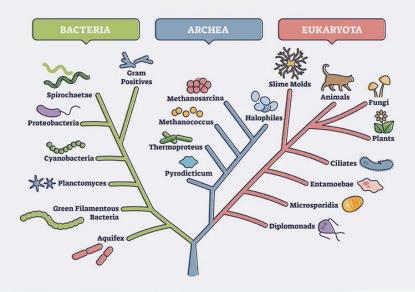
Biological Data

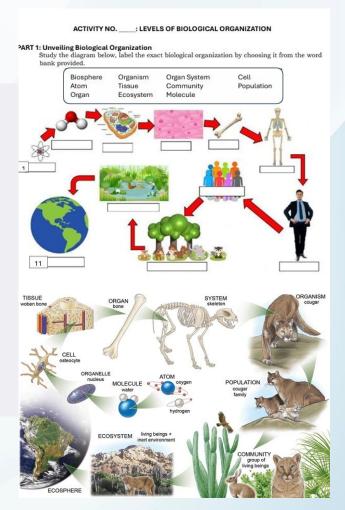
- 1. Introduction Biology and Data
- 2. Types of Biological Data
- 3. Mathematical and Computational Perspectives on Biological Data
- 4. Biological Perspectives on Computational and Mathematical Data Processing
- 5. Collaborative Efforts in Biology, Mathematics, and Informatics
- 6. Introduction to Specific Biological Data of Interest
- 7. Discussion

1. Introduction - Biology and Data

PHYLOGENETIC TREE



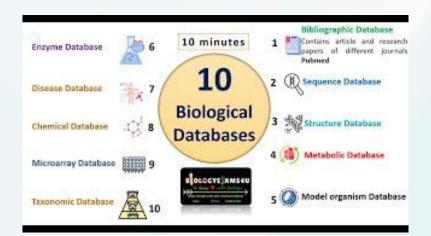
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https://studyx.ai/hom ework/109696097-ac tivity-no-levels-of-biol ogical-organization-a rt-1-unveiling-biologic al-organization

> https://www.shutte rstock.com/image-i llustration/3d-repre sentation-levels-or ganization-living-b eings-1919009702

2. Types of Biological Data



Genomic and transcriptomic data.

Microbiome data.

Proteomics and structural biology data.

Clinical and biomedical data.

Environmental and ecological data.

3. Mathematical and Computational Perspectives on Biological Data



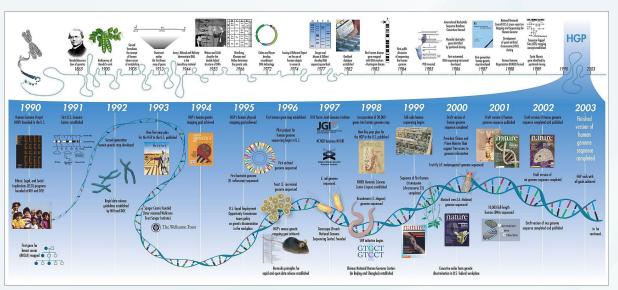
https://www.computersciencedegreehub.com/faq/what-is-computational-biology/

4. Biological Perspectives on Computational and Mathematical Data Processing

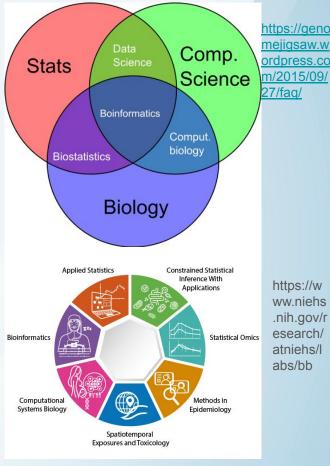


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5. Collaborative Efforts in Biology, Mathematics, and Informatics

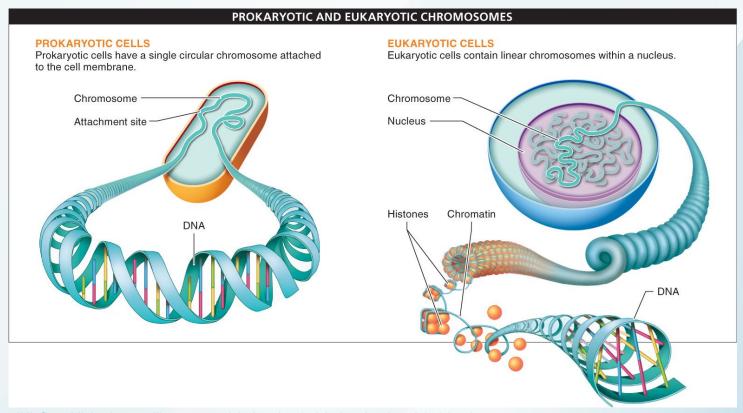


https://en.wikipedia.org/wiki/Computational biology



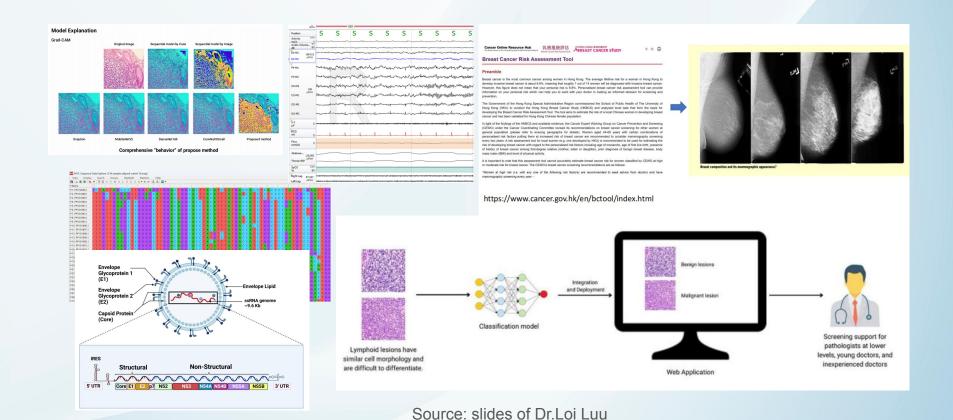
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6. Introduction to Specific Biological Data of Interest



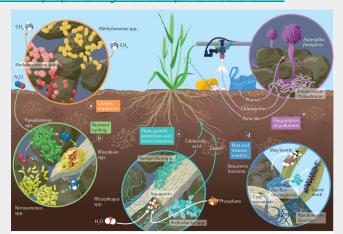
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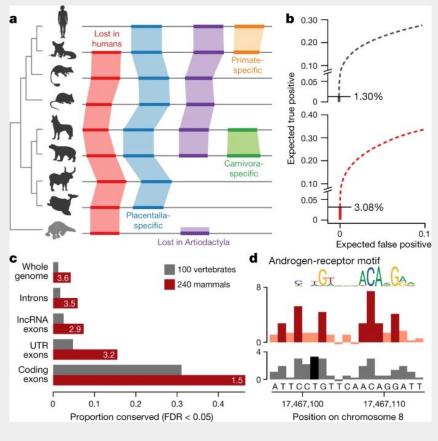
6. Introduction to Specific Biological Data of Interest





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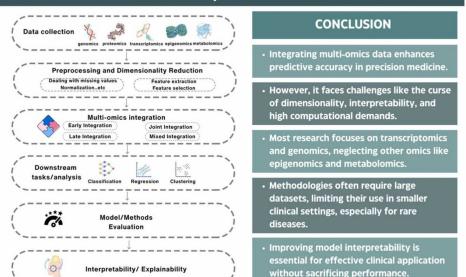


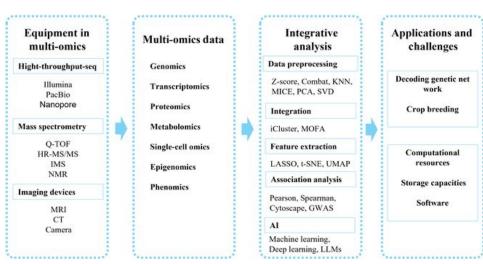


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