

GIDAS

Newsletter

October Edition

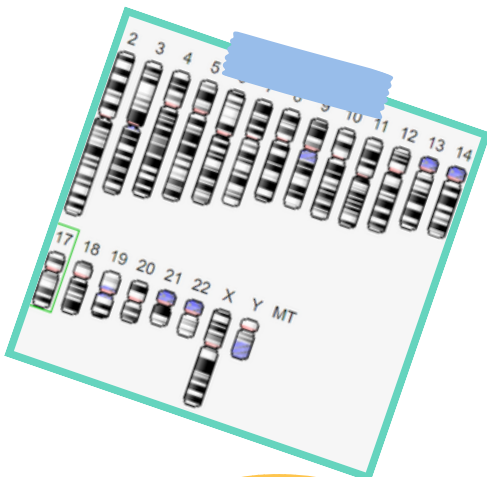
Welcome To 2024-25 GIDAS!

- We plan on creating monthly newsletters to help aid GIDAS leaders
- Each newsletter will have:
 - Recommended information to cover for each month
 - GIDAS Spotlight
 - Important Dates
 - And more! (e.g. fundraising tips, how to prep for upcoming events)



This Year's Research Topic

Continuing from last year, this year's research topic is neurodegenerative diseases. These diseases are characterized by degeneration of neurons in the central nervous system, leading to problems in integration, memory, and motor skills. Most prevalent examples are Alzheimer's and Parkinson's diseases.



This Month's Materials

- What is precision medicine?
- Introduction to the central dogma
- Introduction to reading research papers
- Using tools such as UCSC and GEO2R
- All materials can be accessed in the care package!

GIDAS Spotlight

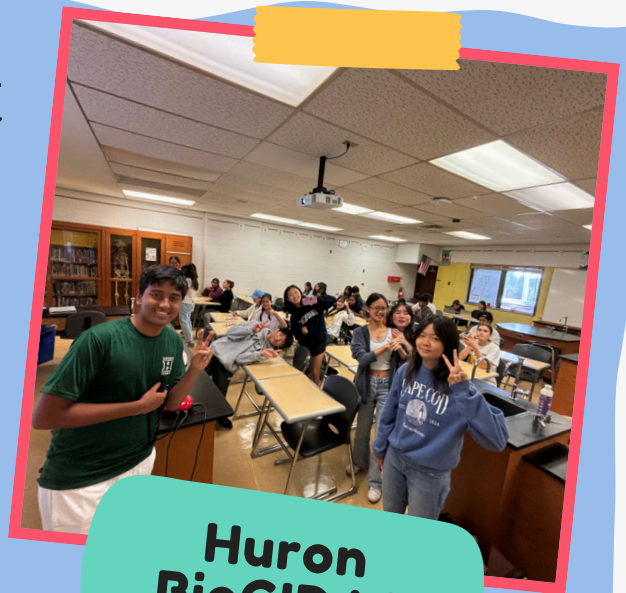
Huron High School is located in Ann Arbor, Michigan. Here are some photos highlighting some of our amazing members!

This year, Huron's Biology Club and GIDAS have merged together to form "BioGIDAS" and provide members equal access to both knowledge about biology and understanding bioinformatics to apply their knowledge in the real world.

For their first meetings, they have recently done a candy DNA building activity (yum!) and learned about the central dogma. They hope to have members work on research papers soon and master concepts about gene expression at the molecular level!

If you would like your school's GIDAS to be showcased in the newsletter, please reach out to:

tpanja2017@gmail.com



Important Dates (Mark in your calendar!)

November 16, 2024 - MSA Mini Conference

(MSA stands for miRcore Science Advocacy, these conferences give you exposure on science communication and presenting skills)

November 16, 2024 - Middle School Biology Workshop

January 25, 2025 - Genes & Health Contest

(we will send out review guides and study sheets to prep for the G&H Contest)

March 17, 2025 - Abstracts Due for Oral presentation

March 22, 2025 - MSA Conference

April 19, 2025 - GIDAS Research Conference

Contact Information

Chair: Maitreyi Bharath
maitrbhar@gmail.com

Co - Vice Chair: Archit Sonaje
sonajearchit@gmail.com

Co - Vice Chair: Tanay Panja
tpanja2017@gmail.com