



PREP 2021-2022 Cohort Research Symposium

Thursday, 23 June 2022, 2:30pm-5:00pm

1022 Green Hall & zoom

- 2:30 **Dan Starr**
Welcome and Introduction to PREP@UC Davis
- 2:40 **Héctor Navarro** (Elva Diaz lab, introduced by Professor Elva Diaz)
Bi-directional Clustering and Distribution of AMPARs and the Auxiliary Factor SynDIG4
- 2:55 **Jóse Torres Ayende** (Manuel Navedo lab, introduced by Professor Manuel Navedo)
Hyperglycemia Stimulates ATP Release in HEK Cell
- 3:10 **Kaitlyn Abe** (Affiliate, James Letts lab, introduced by Professor James Letts)
Structural Characterization of Plant Respiratory Complexes
- 3:25 **Brayan Vilanova** (Melanie Gareau lab, introduced by Professor Melanie Gareau)
The Impact of FMT on Neonatal Antibiotic Induced Microbiota Gut Brain Deficits
- 3:40 **break**
- 3:45 **Natasha Ann Mariano** (Megan Dennis lab, introduced by Professor Megan Dennis)
The Role of Human-Specific Duplicated Gene, *PTPN20*, in Neurodevelopment
- 4:00 **Julia Godinez** (Undergraduate affiliate, Janine LaSalle lab, introduced by Dr. Dag Yasui)
Ube3a Overexpression in a Novel Mouse Model for 15q11.2-q13.3 Duplication Syndrome
- 4:15 **Brandon Reyes-Chavez** (Undergraduate affiliate, Celina Juliano lab, introduced by Abby Primack)
Characterizing *Hydra*'s Endodermal Nerve Net
- 4:30 **Carla Campos** (Celina Juliano lab, introduced by Dr. Ben Cox)
Cell Invasion in Regeneration

<https://ucdavis.zoom.us/j/95869963080?pwd=YjU1MElpcHdQZG9ld1AvK3pGL3VaQT09>

PREP@UCD is funded by the US National Institutes of Health via R25GM116690,
with additional support from the University of California, Davis.

We especially thank all those who helped our scholars thrive amidst continuing challenges