

AUGUST 19TH 2021

1ST YALE POSTGRADUATE RESEARCH SYMPOSIUM

PROGRAM

8:45 - 9:00

Co-Chair Welcome and Rules of Engagement

Long Talks

9:00 - 9:10

Corina Vernon *Can We Save Orange Juice? Developing Disease-Resistant Valencia Oranges Using CRISPR Gene Editing*

9:10 - 9:20

Jinny Van Doorn *Establishing a glioblastoma mouse model for evaluating the efficacy of novel therapies*

9:20 - 9:30

Noel Vega *Heat Inactivation of SARS-CoV2 in Saliva-based COVID-19 Diagnostic Testing*

Flash Talks

9:30 - 9:35

Annabella Shewarega *The effect of anti-MMP-9 as chemoattractant and its protentional role as adjuvant modulator of the immune response post cryoablation in a mouse model of liver cancer*

9:35 - 9:40

Elizabeth Bundschuh *Myeloproliferative Leukemia Virus Protein (MPL) regulates eosinophil trafficking in asthma*

9:40 - 9:45

Kalina Lapenta *Developing a spatial multiomics technology with application to liver disease*

9:45 - 9:50

Olivia Schultes *COVID-19 in Connecticut Colleges and Universities During the 2020-2021 Academic Year: Contact, Testing, and Cases.*

9:50 - 9:55

Pari Waghela *Impact of temporary storage conditions on the viability of Streptococcus pneumoniae in saliva*

9:55 - 10:00

Michael Gao *Variations in fat metabolism predict outcome in murine models of sepsis.*

Long Talks

10:10 - 10:20

Nardos Kebede *Effort-based decision making behavior is mediated by muscarinic acetylcholine receptors in the brain dopamine reward pathway*

10:20 - 10:30

Ayman Aljishi *Multimodal Interrogation of Statistical Learning and Episodic Memory in Epilepsy*

10:30 - 10:40

Violet Tan & Sean McFarland *Tech for good: A scale for healthy technology use in adolescents*

10:40 - 10:50

Emily Wertheimer *Characterizing people's responses to the US state governments' reactions in the COVID-19 pandemic*

SESSION 1

MOLECULAR BIOLOGY
CELL BIOLOGY
MICROBIOLOGY
IMMUNOBIOLOGY

SESSION 2

HUMANITIES
PSYCHOLOGY
NEUROSCIENCE

Flash Talks

10:50 - 10:55

Uma Neelakantan *Developing a High-throughput Brain Activity Mapping Pipeline to Analyze ASD Risk Gene Function*

10:55 - 11:00

Eda Karagoz *The Recovery In Stroke Using Positive Airway Pressure (PAP) Study (RISE-UP)*

11:00 - 11:05

Tamara Jafar *A Multimodal Cortical Atlas for Epilepsy Surgery and Function-Structure Hypotheses*

11:05 - 11:10

Whitney Denary *Does Rental Assistance Improve Mental Health? Insights from a Longitudinal Cohort Study*

11:10 - 11:15

William Eger *Correlates of Pre-exposure Prophylaxis (PrEP) Use among Men who have Sex with Men (MSM) in Malaysia*

11:15 - 11:20

Jessica Lee *Optimizing an integrated rapid access program to HIV prevention and opioid agonist therapy in people who inject drugs through discussions with clinical and community stakeholders*

11:30 - 12:30

See Abstract Book for the list of poster presentations

POSTER SESSION

12:30 - 1:00

Lunch Break

1:00 - 2:00

Dr. Frances E Jensen
Thinking outside the box: de-siloing neuropsychiatric disorders

KEYNOTE

Long Talks

2:15 - 2:25

Erika Belitzky *Development of Radiolabeled Antibodies to Track Cytotoxic T-Cells and Tumor-Associated Macrophages Concurrently by SPECT Imaging*

2:25 - 2:35

Paulina Komorek *Behaviour of adsorbed proteins on gold surface*

SESSION 3

COMPUTATION
CHEMISTRY
BIOINFORMATICS
ENGINEERING

Flash Talks

2:35 - 2:40

Guna Mandava *Controlled Self Assembly of Microbial Nanowires into Ordered Lattices*

2:40 - 2:45

Nash Keyes *Noise Analysis and Stochastic Modeling of EPICA Ice Core Climate Records*

2:45 - 2:50

Ishan Saran *An Automated, Open-Source Program to Standardize Acute Kidney Injury Definition from Timestamped Creatinine Data*

3:00 - 3:45

Admissions: PhD, MD, MD-PhD

FACULTY PANEL

4:00 - 4:10

Closing Remarks and Poster Awards

4:15 - 5:00

MD Students

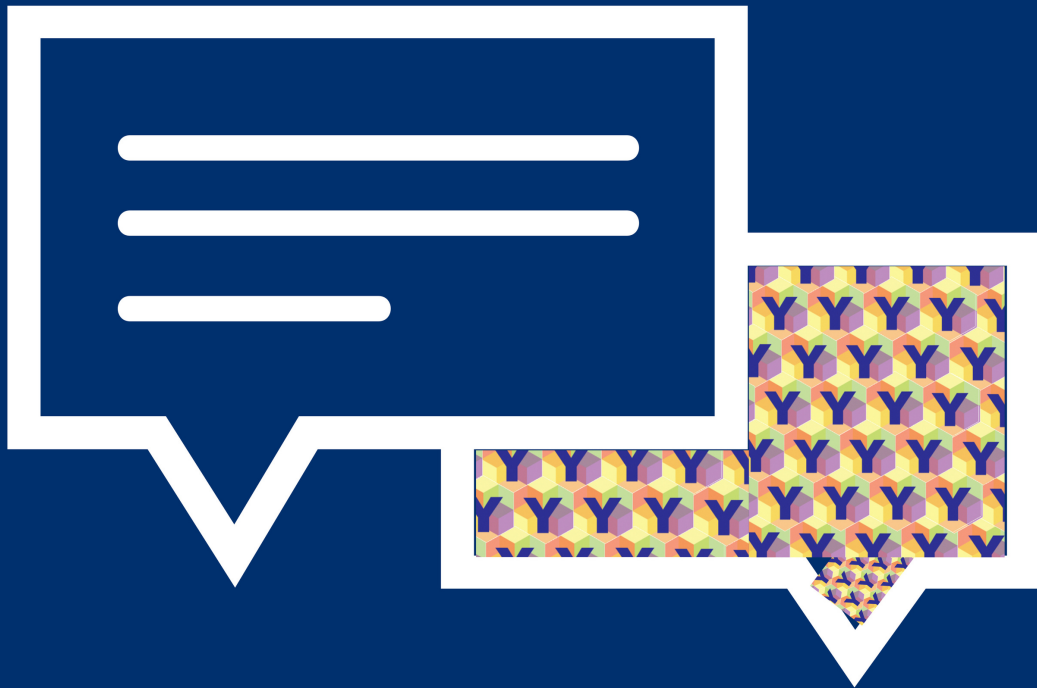
5:00 - 5:45

MD/PhD Students

STUDENT PANEL

5:45 - 6:30

PhD Students



FIRESIDE CHAT

**WITH THE YALE BIOLOGICAL AND BIOMEDICAL SCIENCES
DIVERSITY AND INCLUSION COLLECTIVE (YBDIC)**

**"BRINGING OUR FULL SELF
INTO SCIENCE AND MEDICINE"**

**Friday, August 20, 2021
05:00 PM - 07:00 PM EST
RSVP: shorturl.at/qyPS5**



YBDIC Outreach
Yale Biological and Biomedical Sciences Diversity and Inclusion Collective

