

**Congratulation to 2021
5th SLAP Research Day
Winners!!!**

**Thank you all for your supporting
and Attending this exciting event!**

2021 5th SLAP Research Day Winners

First place Winner:

Rachel Chen 1st Undergraduate students: Princeton University

Lucy Zhou 1st Undergraduate students: University of Toronto

Cathy Huang 4th Undergraduate students: University of Toronto

Second place Winner:

Kareem Sade 3rd Undergraduate students: Western University

Estella Ding 4th Undergraduate students: Western University

First Place Winner

Grade 7 Lucas Zhou

Grade 9 Edward Dong

First Place Winner:

Daniel Dong Grade 12

William Hu Grade 11

Andrew Mao Grade 11

Keva Garg Grade 10

Second place Winner:

Tong Qu Grade 10

Yuan Gao Grade 10



Dr. Andras Nagy is a Senior Investigator at the Lunenfeld Research Institute who has discovered a non-viral method of creating stem cells and established Canada's first human embryonic stem cell lines. As the Canada Research Chair in Stem Cells and Regeneration and the cofounder of panCELLa, Dr. Nagy is one of the leading scientists in cell therapy and stem cell research worldwide



**Keynote speaker II: Dr. Yi Sheng PhD--
Associate Professor**

“UPS and waste disposal in cell

Dr. Yi Sheng is an associate professor at the Department of Biology, York University. Her research focuses on understanding the ubiquitin-proteasome system (UPS) and its functions in protein ubiquitination. Her lab also investigates dysregulation and aberration in UPS in relation to disease pathogenesis, including cancers, immune disorders and neurodegenerative diseases.



Rachel Chen 1st year undergraduate, Princeton University , NJ , USA

SARS-CoV-2 Virology, Immunology with focus on Macrophages, T cells and Lymphopenia, Pathology and Symptoms



2) William Bohua Hu Grade 11, University of Toronto Schools, ON, Canada

SARS-CoV2 RNA Vaccines: A new technology leading the way in COVID19 immunity



**Keva Garg, Grade 10, University of Toronto
Schools, ON, Canada**
Leveraging Precision Medicine to address
COVID-19



5) Tony Qu, Grade 10 Crescent School, Toronto, ON, Canada

An overview of RT-PCR in Sars-cov2 detection and comparison to other methods



6) Yuan Gao, Grade 10, Bur Oak Secondary school, Toronto, ON, Canada

Vitamin D deficiency's Association with COVID-19 Prevention and Treatment



7) Edward Dong, Grade 9, Victoria Park CI
Toronto, ON, Canada
Macrophages development and function



**8) Lucas Zhou, Grade 7, Sir Wilfrid Laurier P
S, ON, Canada**

**Spleen Anatomy and Physiology and
COVID19 Vaccine**



9) Daniel Dong Grade 12, IB program, Francis Xavier Secondary school, Toronto, ON, Canada

Sars-Cov2 receptor inhibitors to prevent viral infection and proliferation



10) Andrew Mao Grade 11, Earl Haig secondary school, Toronto, On, Canada
COVID 19 drugs and Vaccine, Taking Design Cues, from the SARS-Cov2 structure and the infection process



11) Kareem Sadek 3rd Year Undergraduate student, Medical Science Western University, Research Assistant Dr. Siminovitch Lab

Single Cell RNA Sequence in COVID19 Research

12) Eastella Ding 4th Year undergraduate student, Medical Science Western University, Research Assistant Dr. Siminovitch Lab



13) Cathy Huang 4th Year undergraduate student, Life Science, University of Toronto

Rem(rapid eye-movement)Sleep and memory



14) Lucy Zhou 1st Year Undergraduate Life Science University of Toronto,

An Analysis of the Current Diagnostic Technology for Quick Test for SARS-CoV-2

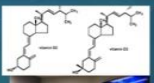


Feature Research: Dr. Zhenyue Hao MD PhD--Senior scientist

Dr. Hao is a scientist at the Faculty of Medicine, University of Toronto with publications from prestigious journals such as “Cell” . His feature talk is titled: “Immunotherapy: a Game Change for Cancer”



SunLife Gene Academic Program (SLAP) in Medical Science 5th SLAP Medical Sciences Student Research Day



Contact us at Research Training Center Tel: 647 7087868, 416 7061262
info@sunlifegene.com http://www.sunlifegene.com

REGISTRATION: www.sunlifegene.com/events/

Conference Supporting and Organizer: Dr. Andras Nagy and SLAP TEAM

EVENT TIME: TIME: APR 10, 2021 03:30 PM EASTERN TIME (US AND CANADA)
HTTPS://US04WEB.ZOOM.US/J/79422133683?PWD=YUJVTJFGYYTNMNNZNXLPNLRID3FUDZ09
MEETING ID: 794 2213 3683
PASSCODE: FZXRH9

ITINERARY

- 3:30 pm Welcome
- 3:45 pm Keynote Speaking
- 5:30 pm Students oral presentation
- 7:10 pm Students popular science movies
- 7:30 pm Feature Reseach
- 8:30 pm Presentation of Student Awards

ORAL PRESENTATIONS

Keynote Speaker I: Dr. Andras Nagy
"One cell line for all humankind"

Dr. Andras Nagy is a Senior Investigator at the Lunenfeld Research Institute who has discovered a non-viral method of creating stem cells and established Canada's first human embryonic stem cell lines. As the Canada Research Chair in Stem Cells and Regeneration and the cofounder of panCELLa, Dr. Nagy is one of the leading scientists in cell therapy and stem cell research worldwide.

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"UPS and waste disposal in cells"

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Feature Research: Dr. Zhenyue Hao MD PhD--Senior scientist

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SLAP team wish you overcome every challenge in this year and climb the ladder of success. Have a successful year ahead. All SLAP students are invited to showcase their summer COVID19 research. High school/ Undergraduate students completing their summer research project in the SLAP program or Faculty of Medicine in Universities are invited to submit a review paper abstract. Due to COVID-19 restrictions, Research Day will be held virtually! Oral presentation or movies videos for the Medical Science knowledge competition in 2021. Deadline for submitting: April 3,2021

Why you should get involved?

- To learn about and engage in independent research early on
- To present orally in a student research competition and win prizes
- To connect with researchers and trainees from diverse fields

Contact us at Research Training Center Tel: 647 7087868, 416 7061262

For online registration: info@sunlifegene.com <http://www.sunlifegene.com/>

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2019 4th SLAP Research Day Winners