

# Sun Life Gene Academic Summer Program(SLAP) in Medical Science Research Day

SUN LIFE GENE TECHNIQUE SUPPORT CENTER, RESEARCH TRAINING CENTER Tele: 647 708 7868, 416 706-1262 email: [info@sunlifegene.com](mailto:info@sunlifegene.com)

Conference supporting and Organizer: Dr. Andras Nagy and SLAP Team  
[www.sunlifegene.com](http://www.sunlifegene.com)

5<sup>th</sup> Sunlifegene Academic Program in Medical Science Research Day Schedule:

**April 10, 2021**

3:30 – 3:45pm	<p>Registration &amp; Welcome  SLAP Team is inviting you to a scheduled Zoom meeting.</p> <p>Topic: 5th Sunlifegene Academic Program in Medical Science Research Day  Time: Apr 10, 2021 03:30 PM Eastern Time (US and Canada)</p> <p>Join Zoom Meeting  <a href="https://us04web.zoom.us/j/79422133683?pwd=YUJVTjFGYytnMnNZNXlpNIRId3FUdz09">https://us04web.zoom.us/j/79422133683?pwd=YUJVTjFGYytnMnNZNXlpNIRId3FUdz09</a></p> <p>Meeting ID: 794 2213 3683  Passcode: fzXRH9</p>
3:45 – 5:15	<p>Welcome Opening Keynote Talk I: <b>Dr. Andras Nagy:</b>  <b>One cell line for all humankind</b>  Keynote Talk II: <b>Sheng Yi PhD</b>, Professor York University  <b>UPS and waste disposal in cells updated in 2021</b></p>
5:15-8:15pm	<p>Oral Presentation Session and Movie by Students</p> <ol style="list-style-type: none"> <li>1) <b>Rachel Chen</b> 1<sup>st</sup> year undergraduate, Princeton University , NJ , USA   SARS-CoV-2 Virology, Immunology with focus on Macrophages, T cells and Lymphopenia, Pathology and Symptoms</li> <li>2) <b>William Bohua Hu Grade 11</b>, University of Toronto Schools, ON, Canada   SARS-CoV2 RNA Vaccines: A new technology leading the way in COVID19 immunity</li> <li>3) <b>Allan Yin, Grade 12</b>, White Oak IB student  How does Remdesivir inhibit SARS-CoV2</li> <li>4) <b>Keva Garg, Grade 10</b>, University of Toronto Schools, ON, Canada  Leveraging Precision Medicine to address COVID-19</li> <li>5) <b>Tony Qu, Grade 10</b> Crescent School, Toronto, ON, Canada  An overview of RT-PCR in Sars-cov2 detection and comparison to other methods</li> </ol>

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**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, 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** 3<sup>rd</sup> Year Undergraduate student, Medical Science Western University, Research Assistant Dr. Siminovitch Lab  
Single Cell RNA Sequence in COVID19 Research

**12) Eastella Ding** 4<sup>th</sup> Year undergraduate student, Medical Science Western University, Research Assistant Dr. Siminovitch Lab  
Model organism drosophila melanogaster

**13) Cathy Huang** 4<sup>th</sup> Year undergraduate student, Life Science, University of Toronto  
Rem( rapid eye-movement)Sleep and memory

**14) Lucy Zhou** 1<sup>st</sup> Year Undergraduate Life Science University of Toronto,  
An Analysis of the Current Diagnostic Technology for Quick Test for SARS-CoV-2

8:15-8:45pm	Featured Research, <b>Dr. Zhenyu Hao</b> Senior Scientist, Faculty of Medicine, University of Toronto "Immunotherapy: a Game Change for Cancer"
8:45-9:00pm	Student Awards

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## 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](mailto:info@sunlifegene.com) <http://www.sunlifegene.com>

**REGISTRATION:** [www.sunlifegene.com/events/](http://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=YUJVTJFGYUYNMNNZNXLPNLRID3FUDZ09](https://us04web.zoom.us/j/79422133683?pwd=YUJVTJFGYUYNMNNZNXLPNLRID3FUDZ09)  
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 Lumenfeld 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 cells”

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.

**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”



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

