

# 2020 NHRI Research Day- 因應嚴重特殊傳染性肺炎(COVID-19)更新議程

## March 24, 2020 (Tuesday)

- 10:00 – 12:00 優秀研究助理評選：3rd Conference Room (#1~#18, 助理分批入場)
- 12:00 – 13:00 **Lunch**
- 13:00 – 15:00 優秀研究助理評選：3rd Conference Room (#19~#37, 助理分批入場)
- 15:10 – 16:00 優秀研究助理評選委員會 Review Committee Meeting

※優秀壁報論文於4月下旬至5月上旬分組以視訊方式完成評選作業

## March 25, 2020 (Wednesday)

※109年度本院學術成就獎發表會另擇期辦理

venue: Conference Room 3, B1 of Administrative Building

**Oral Presentations** (每人 10 min 報告+3 min 討論)

Chairperson: 蔡世峯處長 Dr. Shih-Feng Tsai, Director of Department of Research Planning and Development

(OP01-OP07 入場)

- 12:30 – 12:43 **Tideglusib-Loaded Hyaluronic Acid Based Hydrogels for Vital Pulp Regeneration**  
(109OP01) Deniz Atila, Institute of Biomedical Engineering and Nanomedicine
- 12:43 – 12:56 **Cdk1 Controls the Gut-Fat Body Immunological Crosstalk in Drosophila**  
(109OP02) 方百祥 Bai-Shung Fang, Institute of Molecular and Genomic Medicine
- 12:56 – 13:09 **MCT-1/MnSOD Axis Modulates Aggressive Breast Carcinogenesis and M2 Macrophage Differentiation**  
(109OP03) 歐書亞 Aushia Tanzih Al Haq, Institute of Molecular and Genomic Medicine
- 13:09 – 13:22 **Individualized Home-based Exercise and Nutrition Interventions Improve Frailty in Older Adults: a Randomized Controlled Trial**  
(109OP04) 謝宗仁 Tsung-Jen Hsieh, Institute of Population Health Sciences
- 13:22 – 13:35 **2'3'-cGAMP and Exogenous DNA Enhance Haplotype-specific STING Cleavage by Dengue Protease**  
(109OP05) 高毓婷 Yu-Ting Kao, National Institute of Infectious Diseases and Vaccinology
- 13:35 – 13:48 **Mitochondrial Oxidative Stress by Lon-PYCR1 Maintains an Immunosuppressive Tumor Microenvironment that Promotes Cancer Progression and Metastasis**  
(109OP06) 郭政良 Cheng-Liang Kuo, National Institute of Cancer Research

- 13:48 – 14:01 **ARID1A Is Required for Development, Identity Maintenance and Senescence Prevention of Pancreatic  $\beta$  Cells**  
(109OP07)  
郭子雷 Tzu-Lei Kuo, National Institute of Cancer Research
- 14:01 – 14:10 **Coffee Break**
- (OP08-OP13 入場)
- 14:10 – 14:23 **Discovery of Novel Selective Pan-TRK Inhibitors as Potential Tumor-Agnostic Treatment for Cancer**  
(109OP08)  
李慕琚 Mu-Chun Li, Institute of Biotechnology and Pharmaceutical Research
- 14:23 – 14:36 **Packing Lipid A Density by a Supramolecular Trap to Protect against Endotoxin-induced Sepsis and Enhance the Antibacterial Activity of Colistin**  
(109OP09)  
廖芳瑄 Fang-Hsuean Liao, Institute of Biomedical Engineering and Nanomedicine
- 14:36 – 14:49 **Unique Interactions Contribute to the Development of Indoleamine 2,3-dioxygenase Inhibitors**  
(109OP10)  
彭懿慧 Yi-Hui Peng, Institute of Biotechnology and Pharmaceutical Research
- 14:49 – 15:02 **Liposomal TLR9 Agonist Combined with TLR2 Agonist-fused Antigen Can Target Dendritic Cells to Modulate Tumor Microenvironment**  
(109OP11)  
沈冠印 Kuan-Yin Sheng, National Institute of Infectious Diseases and Vaccinology
- 15:02– 15:15 **Maternal and Childhood Exposure to Inorganic Arsenic and Upper Airway Allergy – The Taiwan Maternal and Infant Cohort Study**  
(109OP12)  
蔡宗霖 Tsung-Lin Tsaig, National Institute of Environmental Health Sciences
- 15:15– 15:28 **Cancer-derived Succinate Promotes Macrophage Polarization and Cancer Metastasis via Succinate Receptor**  
(109OP13)  
吳京穎 Jing-Yiing Wu, Institute of Cellular and System Medicine
- 15:28 – 16:00 **Review Committee Meeting**

※優秀論文、壁報及研究助理獎勵於5月13日擴大主管會議進行頒獎儀式