# 微生物與免疫前沿：國衛院 × 陽明交通大學 × 慈濟大學 三方聯合研討會

**Date：August 16~17, 2026**

**Place：Tzu Chi University (慈濟大學 第一教學研討室)**

**August 16 （Sunday）– Day 1**

| Time | Topic/Speaker |
|---|---|
| 14:20–14:30 | **Opening Remarks – *Huey-Kang Sytwu* *司徒惠康*** （President, National Health Research Institutes） |
| 14:30–15:00 | **Reprogramming Macrophages: The Next Frontier in Regenerative Aesthetics**<br>***Shie-Liang Hsieh* *謝世良*** （National Health Research Institutes） |
| 15:00–15:20 | **Metabolite Transporters in Immune Homeostasis and Disorder**<br>***Chia-Lin Hsu* *徐嘉琳*** （National Yang Ming Chiao Tung University） |
| 15:20–15:40 | **PTEN deficiency promotes regulatory B cell differentiation via sensitizing IL-5/STAT5 axis**<br>***Yu-wen Su* *蘇郁文*** （National Health Research Institutes） |
| 15:40–16:00 | **Seeking potential targets for regulating lymphocyte functions in normal and autoimmune responses**<br>***Chuen-Miin Leu* *呂春敏*** （National Yang Ming Chiao Tung University） |
| 16:00–16:20 | Coffee Break and Group Photo |
| 16:20–16:40 | **The macrophages in the thymus - more than just undertakers**<br>***Ivan Dzhagalov* *葛一樊*** （National Yang Ming Chiao Tung University） |
| 16:40–17:00 | **Calnexin-TREM1 engagement improves tumor antigen presentation and enhances the activation of anti-tumor T cells**<br>***Nien-Jung Chen* *陳念榮*** （National Yang Ming Chiao Tung University） |
| 17:00–17:20 | **From Pathogenesis to Therapeutics: Translating Virology into Antiviral and Clinical Applications**<br>***Ming-Han Tsai* *蔡明翰*** （National Yang Ming Chiao Tung University） |
| 17:20–17:40 | **泛基因體病原體鑑定與抗藥性診斷系統**<br>***Feng-Jui Chen* *陳逢叡*** （National Health Research Institutes） |
| 17:40–18:00 | **Rejuvenation of Human Senescent T Lymphocytes by Chemical Reprogramming for Adoptive Immunotherapy against EBV-associated Diseases**<br>***Kuang-Li Chen* *陳立光*** （Tzu Chi University） |
| 18:00–18:20 | **Prevention on Klebsiella pneumoniae infection**<br>***Kris Leung Kei Siu* *蕭樑基*** （National Health Research Institutes） |
| 18:30–20:30 | Welcome Dinner |

**August 17 （Monday） – Day 2**

| Time | Topic/Speaker |
|---|---|
| 09:30–09:50 | **Development of broad-spectrum and antigen-agnostic protective vaccine strategy against respiratory threats**<br>***Hsin-Wei Chen* *陳信偉*** （National Health Research Institutes） |
| 09:50–10:10 | **新興腸病毒疫苗之研發**<br>***Chia-Chyi Lin* *劉家齊*** （National Health Research Institutes） |
| 10:10–10:30 | **Development of Next-Generation Nucleic Acid Vaccine Platforms Against Avian Influenza**<br>***Tsai-Teng Tzeng* *曾才騰*** （National Health Research Institutes） |
| 10:30–10:50 | Coffee Break |
| 10:50–11:10 | **Genetic Screening Links Attenuated Protein Degradation to Mitochondrial Genome Quality Control in Yeast**<br>***Po-Chen Hsu* *許博琛*** （National Yang Ming Chiao Tung University） |
| 11:10–11:30 | **Decoding Disease Mechanisms in Neurovascular Development and Rewiring Cytokine Signaling: From Structural Insights to AI-Driven Protein Design**<br>***Tao-Hsin Chang* *張道欣*** （National Yang Ming Chiao Tung University） |
| 11:30–11:50 | **Turning Viruses into Medicine: Phage-Based Therapeutics and Diagnostics for the Post-Antibiotic Era**<br>***Kai-chih Chang* *張凱誌*** （Tzu Chi University） |
| 11:50–13:30 | Lunch |
| 13:30–13:50 | **人類鋅指蛋白質ZFP36-like成員在先天免疫性抑制黃質病毒感染之機制**<br>***Ren-Jye Lin* *林仁傑*** （National Health Research Institutes） |
| 13:50–14:10 | **Emerging Viral Infections: Research and Preparedness**<br>***Guann-Yi Yu* *余冠儀*** （National Health Research Institutes） |
| 14:10–14:30 | **研發類病毒顆粒預防諾羅病毒與EV-D68感染之新穎雙價疫苗**<br>***Yenhung Joe Chow* *周彥宏*** （National Health Research Institutes） |
| 14:30–14:40 | **Closing Remarks – *Ingrid Y Liu* *劉怡均*** （President, Tzu Chi University） |