

Saturday, 15 October

8:30 - 9:15 **Plenary Lecture 3**
Roles of macrophages in inducible adjuvanticity for infection and vaccination
Ken J. ISHII, National Institutes of Biomedical Innovation, Health and Nutrition, Laboratory of Adjuvant Innovation, Japan / Osaka University, Immunology Frontier Research Center (IFReC), Japan / Japan Agency for Medical Research and Development (AMED), Japan

9:15 - 11:15 **Session 9: Drug and vaccine development**
Chairs: T. Jake LIANG & Jin ZHONG

9:15 - 9:30 **Characterization of anti-HCV activities of a new family of small molecule cyclophilin inhibitors with a high barrier of resistance** **O-65**
 Quentin NEVERS, Isaac RUIZ, Nazim AHNOU, Rozenn BRILLET, Jean-Francois GUICHOU, Abdelhakim AHMED-BELKACEM, Jean-Michel PAWLITSKY

9:30 - 9:45 **Targeting the same Achilles' heel for a broad range of viruses: Structural insights into Endoplasmic Reticulum glycoprotein folding quality control** **O-66**
 Nicole ZITZMANN, Alessandro CAPUTO, Pietro ROVERSI, Dominic ALONZI, J.L. KIAPPES, Weston B STRUWE, Souradeep BASU, Edward D LOWE, Benoit DARLOT, Thomas WAKSMAN, Kyle DENT, Petra LUKACIK, Martin WALSH

9:45 - 10:00 **Development of a small molecule drug interfering with hepatitis C virus entry by targeting viral glycoprotein E1** **O-67**
 Marc P. WINDISCH, Jaewon YANG, Eunji JO, Myungeun LEE, Hee-Young KIM, Seungtaek KIM

10:00 - 10:30 **Refreshment Break**

10:30 - 10:45 **Computational prediction of the structure of E1/E2 from HCV, and a proposed model for the organization of the viral envelope** **O-68**
 Holly FREEDMAN, Darren HOCKMAN, Michael R. LOGAN, Julia KOEHLER, John L. LAW, Michael HOUGHTON

10:45 - 11:00 **Vaccine induced sera neutralise monoclonal antibody AP33 resistant escape mutant of HCV** **O-69**
 John LAW, Jason WONG, Francine CHEUNG, Michael LOGAN, Darren HOCKMAN, Amir LANDI, Chao CHEN, Juthika KUNDU, Rineke STEENBERGEN, Michael JOYCE, Lorne TYRRELL, Michael HOUGHTON

11:00 - 11:15

Mycotoxin Patulin Suppresses Hepatitis C Virus NS5B-dependent RLR and TLR Innate Immune Responses by Mitochondrial Dysfunction and p62/Sequestosome-1-Dependent Mitophagy

O-70

Guann-Yi YU, Wan-Ting TSAI, Yin-Chiu LO, Ming-Sian WU, Chia-Yang LI, Yi-Ping KUO, Yi-Hui LAI, Yu TSAI, Kai-Chieh CHEN, Tsung-Hsien CHUANG, Chun-Hsu YAO, Jinq-Chyi LEE, Li-Chung HSU, John T.-A. HSU

**11:15 - 11:45 Keynote Lecture 7
Ending hepatitis C**

Michael HOUGHTON, University of Alberta, Li Ka Shing Applied Virology Institute, Canada

11:45 - 12:15 Closing Ceremony

Closing Remarks: Tatsuo MIYAMURA & Ferruccio BONINO