

Tuesday, 11 October

13:45 - 14:00 Opening Remarks
Yoshiharu MATSUURA

14:00 - 14:30 Keynote Lecture 1
Dose matters: Host factors and lipids involved in Hepatitis C virus RNA replication
Volker LOHMANN, Heidelberg University, Department Infectious Diseases, Molecular Virology, Germany

14:30 - 15:00 Refreshment Break

15:00 - 17:30 Session 1: Virus entry / Virus replication
Chairs: Matthew EVANS & Masayoshi FUKASAWA

15:00 - 15:15 IDENTIFICATION OF A SEROTONIN (5-HT) RECEPTOR AS A NEW CELLULAR FACTOR INVOLVED IN HCV ENTRY THROUGH A HIGH-CONTENT SCREENING APPROACH O-1

Laura RIVA, Ok-ryul SONG, Jannick PRENTOE, François HELLE, Alexandre VANDEPUTTE, Laurent L'HOMME, Thomas BAUMERT, Jens BUKH, Priscille BRODIN, Yves ROUILLÉ, Laurence COCQUEREL, Jean DUBUISSON

15:15 - 15:30 Different HCV egress pathways during spread by direct cell-to-cell transmission or by cell-free virions O-2

Luis M SCHANG, Abdullah A AWADH, Helen GUREEVA, Mikhail NOVIKOV

15:30 - 15:45 Solute carrier NTCP regulates innate antiviral immune responses targeting hepatitis C virus entry into hepatocytes O-3

Thomas F. BAUMERT, Eloi R. VERRIER, Che C. COLPITTS, Laetitia ZONA, Charlotte BACH, Laura HEYDMANN, Christine THUMANN, Joachim LUPBERGER, Catherine SCHUSTER, Camille SUREAU, Jane A. MCKEATING, Yujin HOSHIDA, Zeisel B. MIRJAM

15:45 - 16:00 Why is HCV entry so complex? O-4

Joe GROVE

16:00 - 16:15 Three-dimensional direct Stochastic Optical Reconstruction Microscopy provides insight into the non-structural protein organisation within the hepatitis C virus replication compartment O-5

Christopher P BARTLETT, Alistair CURD, Michelle PECKHAM, Mark HARRIS

16:15 - 16:30 Lipid rafts associated with autophagosomes induced by HCV mediate HCV RNA replication O-6

Ja Yeon KIM, J.-H. James OU

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| 16:30 - 16:45 | Non-canonical LC3 lipidation induced by hepatitis C virus inhibits autophagic flux
<i>Hiroyuki MORI, Takasuke FUKUHARA, Chikako ONO, Tomokazu TAMURA, Satomi YAMAMOTO, Kentaro UEMURA, Toru OKAMOTO, Masami WADA, Takeshi NODA, Tamotsu YOSHIMORI, Yoshiharu MATSUURA</i> | O-7 |
| 16:45 - 17:00 | SNP rs688 in LDL-R Associates with Hepatitis C Susceptibility
<i>Gaby S STEBA, Sylvie M KOEKKOEK, Joost W VANHOMMERIG, Kees BRINKMAN, David KWA, Jan T M VAN DER MEER, Maria PRINS, Ben BERKHOUT, Michael W T TANCK, William A PAXTON, Richard MOLENKAMP, Janke SCHINKEL</i> | O-8 |
| 17:00 - 17:15 | Genome-wide mutagenesis of dengue virus reveals plasticity of the NS1 protein and enables generation of replication-competent reporter viruses
<i>Nicholas S EYRE, Stephen M JOHNSON, Auda A ELTAHLA, Maria ALOI, Jason M MACKENZIE, Rowena A BULL, Michael R BEARD</i> | O-9 |
| 17:15 - 17:30 | Characterization of a hepatitis E virus receptor candidate
<i>Tomoyuki SHIOTA, Tian-Cheng LI, Sayaka YOSHIZAKI, Yorihiro NISHIMURA, Hiroyuki SHIMIZU, Masayuki SHIMOJIMA, Masayuki SAIJO, Takaji WAKITA, Koji ISHII</i> | O-10 |
| 18:00 - 20:00 | Welcome Reception
Venue: Banquet Hall SWAN, Garden | |