

HCV-Flavi 2026

32ND INTERNATIONAL SYMPOSIUM ON Hepatitis C Virus, Flaviviruses and Related Viruses

14 - 17 September 2026 · Copenhagen · Denmark

PROGRAM BOOK



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SYMPOSIUM ORGANIZERS

Copenhagen Hepatitis C Program (CO-HEP),
University of Copenhagen and Copenhagen
University Hospital, Hvidovre



Jens Bukh

Judith M. Gottwein

Troels K. H. Scheel

WELCOME TO HCV-FLAVI 2026

We warmly invite you to join the **32nd International Symposium on Hepatitis C Virus, Flaviviruses and Related Viruses (HCV-Flavi 2026) in Copenhagen, Denmark, from September 14-17, 2026!**

This esteemed meeting brings together leading minds and research in the fields of hepatitis C virus (HCV), orthoflaviviruses and related viruses. For its 32nd edition, we stand on the shoulders of giants who, since the discovery of HCV, have built the extraordinary research profile of this meeting, and of those who have more recently made it an equally important cornerstone in orthoflavivirus research.

With the Copenhagen meeting, we will continue this legacy by highlighting the most pronounced advances in the field. At the same time, we are also dedicated to the important research on related viruses, such as pesti-, pegi-, and other hepatitis viruses.

Since its inception in 1992 this yearly meeting has rotated through venues in Europe, North America and Asia/Australia. In 2026, we are excited to bring it to Scandinavia for the first time. This symposium has a strong tradition of driving discoveries in virus replication, immune responses, pathogenesis and genetics, and providing the knowledge base for spectacular advances in antiviral and vaccine development. While HCV, orthoflaviviruses, and related viruses share many characteristics, their differences also allow for unique approaches that can cross-fertilize discoveries between them.

This event is your opportunity to connect with leading experts, researchers, and healthcare professionals from around the world to discuss the latest advancements. Our program will feature internationally renowned plenary speakers, oral presentations, pitch talks, and poster sessions in addition to social networking events.

LOCAL ORGANIZING COMITTEE

Ralf Bartenschlager (DE)

Leen Delang (BE)

Eva Herker (DE)

Martin Lagging (SE)

Philip Meuleman (BE)

Johan Neyts (BE)

Thomas Pietschmann (DE)

Jannick Prentø (DK)

Pietro Scaturro (DE)

Thomas Bruun Rasmussen (DK)

Janke Schinkel (NL)

Eike Steinmann (DE)

Matti Sällberg (SE)

Norbert Tautz (DE)

Robert Thimme (DE)

Heiner Wedemeyer (DE)

Anna Överby (SE)

INTERNATIONAL ORGANIZING COMITTEE

Mark Harris (Chair, UK)

Judith Gottwein (Vice Chair, DK)

Eleanor Barnes (UK)

Jens Bukh (DK)

Rowena Bull (AU)

Arash Grakoui (US)

John Law (CA)

Mansun Law (US)

Philip Meuleman (BE)

Thomas Pietschmann (DE)

Peter Simmonds (FI)

Troels K H Scheel (DK)

Ashley St John (SG)

Jin Zhong (CN)

INVITED SPEAKERS

Opening lecture



Michael Diamond
Professor, Washington
University St. Louis, US



Justin Bailey
Professor, Johns Hopkins
University School of Medicine, US



Leen Delang
Associate Professor, KU Leuven, BE



Shirit Einav
Professor, Stanford University, US
Dahai Luo



Johan Neyts
Professor, University of Leuven, BE



Søren Riis Paludan
Professor, Aarhus University, DK



Heidi Drummer
Professor, Burnet Institute, AU

Closing lecture



Ralf Bartenschlager
Professor, University of
Heidelberg, DE



Martin Beer
Professor Friedrich-Loeffler-Institut,
DE



Anna Durbin
Professor, Johns Hopkins
Bloomberg School of Public Health,
US



Dahai Luo
Associate Professor, Nanyang
Technological University, SG
Johan Neyts



Anna Överby Wernstedt
Professor, Umeå University, SE



Selena Sagan
Professor, University of British
Columbia Vancouver, CA



Meghan Vermillion
Gilead, US

SESSION CHAIRS

Eva Billerbeck, Albert Einstein
College of Medicine, US

Rowena Bull, University of New
South Wales, AU

Lars Anders Carlsson, Umeå
University, SE

Andrea Cox, Johns Hopkins
Medicine, US

Qiang Ding, Tsinghua University,
CN

Thomas Fuerst, University of
Maryland, MD, US

Branka Grubor, University of
Adelaide, AU

Kenn Holmbeck, University of
Copenhagen, DK

Eva Harris, University of
California, Berkeley, CA, US

Stacy Horner, Duke University
School of Medicine, NC, US

Amit Kapoor, Nationwide
Children's Hospital, OH, US

Richard Kuhn, Purdue University,
IN, US

Mansun Law, Scripps Research,
CA, US

Volker Lohmann, University of
Heidelberg, DE

Mauricio Nogueira, Faculty of
Medicine of São José do Rio
Preto, BR

Continues on next page

SESSION CHAIRS

Jean-Michel Pawlotsky, Hôpital
Henri Mondor, Université Paris-
Est, FR

Ted Pierson, National Institutes
of Health, MD, US

Thomas Pietschmann, Twincore,
DE

Holly Ramage, Thomas Jefferson
University, US

Felix Rey, Institut Pasteur, FR

Sara Gredmark Russ, Karolinska
Institute, SE

Daniel Růžek, Masaryk University,
CZ

Ashley St. John, Duke-NUS
Medical School, SG

Karin Stiasny, Medical University
of Vienna, AT

Jeppe Vinther, University of
Copenhagen, DK

Takashi Wakita, National Institute
of Health Sciences, JP

Nina Weis, Hvidovre Hospital, DK

SYMPOSIUM VENUE

On the edge of Copenhagen Harbour sits The Black Diamond as a beacon of culture.

The Black Diamond is Royal Danish Library's cultural centre in Copenhagen with lots of events all year round. The Black Diamond opened in 1999, and was built to fit with the original library building from 1906.

The HCV-Flavi 2026 meeting will take place in Dronningesalen, a conference hall with room for 400-600 delegates. There will be catering during the meeting, as well as an onsite café.

Poster sessions will take place in nearby rooms in The Black Diamond.

Venue address:

Royal Danish Library
Søren Kierkegaards Plads 1
1221 Copenhagen K



Monday 14 September 2026

12:00-13:00	<i>Lunch Break</i>
13:00-13:10	Welcome Remarks by Jens Bukh, Judith Gottwein and Troels Scheel
13:10-13:50	Opening Lecture by Michael Diamond: Entry Receptors and Arbovirus Pathogenesis <i>Chair: Eva Harris</i>
13:50-14:55	Vaccinology 1: <i>Chairs: Andrea Cox & Thomas Fuerst</i>
13:50-14:00	Antibody repertoire mining reveals public elite broadly neutralizing antibodies against hepatitis C virus <i>Fang Chen, Scripps Research</i>
14:00-14:10	Optimization of HCV vaccine delivery platforms to elicit strong T cell and neutralizing antibody responses in rhesus macaques <i>Rama Amara, Emory University</i>
14:10- 14:20	Preclinical Advancement of an Inactivated HCV Vaccine Candidate Produced via an Integrated Bioprocess <i>Carlos Rene Duarte Hernandez, CO-HEP</i>
14:20-14:30	Immunological and transcriptomic profile of chimeric live-attenuated Zika vaccine linked to protection in non-human primates <i>Yeranddy A. Alpizar, KU Leuven</i>
14:30-14:35	Germline-Targeting Hepatitis C Virus Immunogens with Broad Affinity for Precursors of AR3C-Class Broadly Neutralizing Antibodies <i>Dieter Hoffmann, Leipzig University</i>
14:35-14:40	mRNA-LNP HCV E1E2 vaccines elicit CD4+ T cell responses that support broadly neutralizing antibodies in rhesus macaques <i>Lizeth Gutierrez, Johns Hopkins University</i>
14:40-14:45	mRNA-LNP HCV E1E2 vaccines elicit broadly neutralizing antibodies in rhesus macaques similar to those of elite HCV controllers <i>Katrina Kuhn, Johns Hopkins School Of Medicine</i>
14:55-15:25	<i>Coffee Break</i>
15:25-15:50	Keynote Lecture by Søren Paludan: Cell-intrinsic and innate immune responses against virus infections <i>Chairs: Stacy Horner & Ashley St. John</i>

Monday 14 September 2026

15:50-17:15	Innate Immunity and Cell-intrinsic Antiviral Defense <i>Chairs: Stacy Horner & Ashley St. John</i>
15:50 - 16:00	An RNA-centric interactomics screen identifies novel proviral and antiviral genome binding interactors for tick-borne encephalitis virus <i>Marion Sourisseau, INRAE</i>
16:00 - 16:10	Characterization of TMEM62 as a novel restriction factor of Hepatitis E virus entry <i>Volker Kinast, Carl Von Ossietzky University Oldenburg</i>
16:10 - 16:20	Hepatitis E virus capsid-derived amyloid-like fibrils: novel central hubs for immune evasion? <i>Paula Jordan, Center For Integrative Infectious Diseases</i>
16:20 - 16:30	Interferon gamma-inducible protein 16 (IFI16) regulates stress granule responses during RNA virus infection <i>Cinzia Borgogna, Università Piemonte Orientale</i>
16:30 - 16:40	TRIM5a couples sensing of unlipidated LC3B on orthoflavivirus replication organelles with noncanonical autophagy for antiviral defense <i>Stephanie Spada, NIH/University of Oxford</i>
16:40 - 16:45	Antagonism of interferon signalling by HCV non-structural protein 5A requires cyclophilin A <i>Che Colpitts, Queen's University</i>
16:45 - 16:50	Antiviral activity of the E3 ubiquitin ligase RNF5 against Zika virus is antagonized by orthoflavivirus protease-mediated cleavage <i>Maxime Chazal, Institut Pasteur</i>
16:50 - 16:55	Characterising a Novel ER-Golgi-Resident Restriction Factor Against Multiple Orthoflaviviruses <i>Jack Mellors, Imperial College London</i>
16:55 - 17:00	Enhancer of mRNA-decapping 3 Protein (EDC3) binds viral subgenomic RNA and acts as a broad orthoflavivirus restriction factor <i>Kai Dallmeier, KU Leuven Rega Institute</i>
17:00 - 17:05	Genotype-specific recognition of HCV PAMP by host RIG-I-like receptors <i>Yu Chang, ShanghaiTech university</i>
17:05 - 17:10	HCV evades innate immune-mediated translational shutdown through RNA non-canonical capping <i>Janina Krambrich, University Of Copenhagen (co-hep)</i>
17:10 - 17:15	Yellow Fever Virus NS5 Contributes to Strain-specific Differences in Type I IFN Antagonism and Virulence in Hepatocytes <i>Scott R. Adams, Boston University</i>
17:10-20:30	HCV-FLAVI 2026 Welcome Reception

Tuesday 15 September 2026

08:30 - 08:55	Keynote Lecture by Johan Neyts: Mosnodenvir: from discovery to activity against dengue in humans <i>Chairs: Takashi Wakita & Nina Weis</i>
08:55 - 10:10	Disease and Therapy 1 <i>Chairs: Takashi Wakita & Nina Weis</i>
08:55 - 09:05	A Potent Broadly Neutralizing Therapeutic Human Monoclonal Antibody Targeting West Nile and Japanese Encephalitis Viruses <i>Kimberly Dowd, Vaccine Research Center, NIAID, NIH</i>
09:05 - 09:15	Defining the Role of Microglia During Congenital Zika Virus Infection <i>Olus Uyar, INRS-Armand-Frappier Santé Biotechnologie Research Centre</i>
09:15 - 09:25	First-in-Class Allosteric NS2B-NS3 Protease Inhibitor Demonstrates In Vivo Efficacy Against Zika Virus <i>Ilaria Carli, Irbm S.p.a.</i>
09:25 - 09:35	High-level inherent resistance of HCV genotype 3b to pan-genotypic direct-acting antivirals uncovered in novel hepatic cell culture and mouse models <i>Long V. Pham, CO-HEP</i>
09:35 - 09:40	A tunable immune-evasion function of Zika virus NS5 governs viral fitness and pathogenesis <i>Qiang Ding, Tsinghua University</i>
09:40 - 09:45	Apolipoprotein E drives inflammation resolution pathways essential for recovery from Japanese encephalitis <i>Cameron Bishop, QIMR Berghofer</i>
09:45 - 09:50	Cell culture studies of the barrier to resistance of remdesivir for yellow fever virus <i>Itsaso Ortigosa Elorz, CO-HEP</i>
09:50 - 09:55	Highly replicating HCV isolates induce cytoplasmic vacuolization and cell death <i>Philipp Ralfs, Heidelberg University</i>
09:55 - 10:00	MjTX-II-mediated inhibition of Zika virus infection at the maternal-fetal interface <i>Natasha Cassani, Federal University of Uberlandia</i>
10:00 - 10:05	Neutralizing single-domain VHH antibodies from llamas immunized with a stabilized consensus E1E2-based vaccine for HCV <i>Laura Radić, Amsterdam UMC</i>
10:05 - 10:10	Targeting the EGFR-p300 axis reverses the post-cure epigenetic memory of hepatitis C and its oncogenic potential <i>Meital Gal Tanamy, Bar-Ilan University</i>
10:10 - 10:40	Coffee Break
10:40 - 11:05	Keynote Lecture by Selena M. Sagan: It takes 2(A): coordination of orthoflavivirus replication and assembly <i>Chairs: Qiang Ding & Jeppe Vinther</i>

Tuesday 15 September 2026

11:05 - 12:20	Cell biology of virus infection 1 Chairs: Qiang Ding & Jeppe Vinther
11:05 - 11:15	A mitoproteomic analysis of flavivirus-infected cells unveils the proviral role of PLA2G15 by altering lysosomal dynamics and lipid metabolism <i>Laurent Chatel-Chaix, National Institute of Scientific Research</i>
11:15 - 11:25	A novel dimerization site in hepatitis C virus non-structural protein 5A regulates viral replication fitness <i>Colin Förster, Uniklinikum Heidelberg</i>
11:25 - 11:35	Dissecting surface interactions in NS3/4A and NS2-3/4A complexes to gain further insights into BVDV RNA replication and virion morphogenesis <i>Yasmin Roeder, University of Luebeck</i>
11:35 - 11:45	Multi-omics analysis of yellow fever virus infection reveals dysregulation of cellular signaling by viral hijacking of a host phosphatase <i>Jeffrey Johnson, Icahn School Of Medicine At Mount Sinai</i>
11:45 - 11:50	A Dormant Sentinel System for Infection-Triggered Gene Control in <i>Aedes aegypti</i> cells <i>Yu Ning Huang, National Taiwan University, College of medicine</i>
11:50 - 11:55	Characterizing an interaction between orthoflavivirus NS3 and NS5 proteins required for virion assembly <i>Ronja Kothe, University of British Columbia</i>
11:55 - 12:00	Deep mutational scanning of West Nile Virus capsid protein reveals translational and host constraints. <i>Rhys Parry, The University of Queensland</i>
12:00 - 12:05	Elucidating the requirements for the switch from translation to replication in the HCV life cycle. <i>Manolya Sag, University of British Columbia</i>
12:05 - 12:10	Identifying Host Factors Involved in Hepatitis E Virus Replication <i>Noémie Roh, CHUV / UNIL</i>
12:10 - 12:15	LRP8-Dependent Trafficking of TBEV to Early Endosomes: Implications for Antiviral Strategy <i>Hung Tran, Karolinska Institutet</i>
12:15 - 12:20	NS2A-mediated autophagic degradation of SIRT1 enhances viral RNA acetylation and promotes Flaviviridae infection <i>Yiping Li, Sun Yat-sen University</i>
12:20 - 13:20	Lunch Break
13:20 - 13:45	Keynote Lecture by Anna Överby: Understanding viral tropism and neuroinflammation using whole brain imaging Chairs: Eva Billerbeck & Amit Kapoor

Tuesday 15 September 2026

13:45 - 14:50	Model Systems <i>Chairs: Eva Billerbeck & Amit Kapoor</i>
13:45 - 13:55	A singular residue of the YFV E protein can overcome viral restriction in the murine liver <i>Alison Ashbrook, The Rockefeller University</i>
13:55 - 14:05	Defining age-dependent determinants of neurotropic flavivirus pathogenesis in mice <i>Amy Nelson, Princeton University</i>
14:05 - 14:15	Immunogenicity and protective potential elicited by a hepatitis C virus-like surrogate envelope glycoprotein immunogen <i>Andreas Kok, University Of Copenhagen</i>
14:15 - 14:25	Modelling tick-borne encephalitis in infant rat mimics clinically relevant aspects of human disease <i>Denis Grandgirard, University Of Bern</i>
14:25 - 14:30	Characterization of liver metabolism dysregulation in Sprague Dawley rats chronically infected with Norway rat hepacivirus RHV-rn1 <i>Ju Eun Yoo, Institut Pasteur</i>
14:30 - 14:35	Chronic hepatitis in horses with equine hepacivirus infection: Similarities to Hepatitis C <i>Joy Tomlinson, University of Pennsylvania School of Veterinary Medicine</i>
14:35 - 14:40	In Vivo Characterization of Zoonotic Rat HEV (Rocahepevirus rattii) Infection and Antiviral Response in Human Liver Chimeric Mice <i>Amse De Meyer, Ghent University</i>
14:40 - 14:45	Understanding virally induced hepatocarcinogenesis using molecular recorders <i>Sreya Sanyal, Princeton University</i>
14:45 - 14:50	Unraveling hepatitis E virus replication in the gut using human intestinal enteroids and a gut-on-chip model <i>Nanci Santos-ferreira, KU Leuven</i>
14:50 - 15:20	Coffee Break
15:20 - 15:45	Keynote Lecture by Dahai Luo: Architecture and Assembly of the Flavivirus Replication Factory <i>Chairs: Lars-Anders Carlsson & Richard Kuhn</i>

Tuesday 15 September 2026

15:45 - 16:50	Structural virology <i>Chairs: Lars-Anders Carlsson & Richard Kuhn</i>
15:45 - 15:55	An Alternative Disulfide Bond Network in a Tier 3 Neutralization-Resistant HCV Strain Reveals a Novel Mechanism of Immune Evasion <i>Rahul Ribeiro, Cornell University</i>
15:55 - 16:05	Intrinsic Dynamics of a Ubiquitous RNA 3D Motif Guide Conserved Assembly of the Replication Initiation Complex in Flaviviruses <i>Steve Bonilla, Laboratory of RNA Structural Biology and Biophysics, The Rockefeller University</i>
16:05 - 16:15	Mechanism for selective Flavine Adenine Dinucleotide initiation in HCV replication <i>Jeppe Vinther, University Of Copenhagen</i>
16:15 - 16:20	Chimeric viral platform enables high-resolution cryo-EM analysis, antigenic characterization and vaccine application for diverse pathogenic tick-borne flaviviruses. <i>Natalee Newton, The University Of Queensland</i>
16:20 - 16:25	Defining the Conformational Landscape of HCV E2 by DEER Spectroscopy: Implications for Antibody Recognition and Immunogen Design <i>Xander Wilcox, Cornell University</i>
16:25 - 16:30	Expanding the neutralization landscape of HCV E2 through nanobody-guided epitope discovery <i>Haneen Tarabih, Hebrew University Of Jerusalem</i>
16:30 - 16:35	Molecular dynamics of hepatitis C virus E2 reveal HVR1 dual anchoring underlying epitope shielding <i>Jannick Prentoe, Department Of Biomedical Sciences, University Of Copenhagen</i>
16:35 - 16:40	Structural studies on the maturation of tick-borne encephalitis virus <i>Sarah Butcher, University Of Helsinki</i>
16:40 - 16:45	Computational and Cryo-EM Structures of E1-dependent Broadly Neutralizing Antibodies from an Elite HCV Neutralizer suggest a novel mechanism of neutralization <i>Harry Paul, Johns Hopkins University</i>
16:50 - 17:10	Youth Choir of the Royal Danish Academy of Music
17:10 - 19:00	Poster Session A

Wednesday 16 September 2026

08:30 - 08:55	Keynote Lecture by Leen Delang: No guts, no glory: curbing flavivirus infection at the mosquito gut using antiviral drugs <i>Chairs: Sara Gredmark Russ & Daniel Růžek</i>
08:55 - 10:00	Transmission and infection <i>Chairs: Sara Gredmark Russ & Daniel Růžek</i>
08:55 - 09:05	Histologic Changes After DAA Cure in Chronic Hepatitis C: A Prospective Paired Biopsy Study <i>Marc Ghany, National Institutes Of Health</i>
09:05 - 09:15	From Gut to Brain: Pathogenesis of Alimentary Tick-Borne Encephalitis <i>Daniel Růžek, Masaryk University</i>
09:15 - 09:25	WNV replicates in human testis ex vivo and infects mouse testis and epididymis in vivo, revealing potential for sexual transmission <i>Maria-Jose Lista Brotons, Inserm U1085</i>
09:25 - 09:35	Entry receptor LRP8 is required for TBEV neurotropism and neuropathogenesis <i>Javier Janer, Albert Einstein College Of Medicine</i>
09:35 - 09:40	Molecular basis of LRP8-mediated entry of tick-borne encephalitis virus <i>Eva Mittler, Albert Einstein College Of Medicine</i>
09:40 - 09:45	09:40 - 09:45 Conserved replication strategies facilitate the cross-species transmission of zoonotic HEV between rats and humans <i>Nicola Frericks, Ruhr University Bochum</i>
09:45 - 09:50	Epitope-level antigenic divergence in genotype V Japanese encephalitis virus enables serological discrimination <i>Su-yeon Hong, The Catholic University of Korea</i>
09:50 - 09:55	A Genomic Model for Real-Time Detection of HCV Transmission in NSW Prisons <i>Rowena Bull, University Of NSW</i>
09:55 - 10:00	Early diversification and selection of Hepatitis C virus transmitted/founder variants in human and humanized mouse recipients <i>Nahla Fadlelmawla, University Of Toronto</i>
10:00 - 10:30	Coffee Break
10:30 - 10:55	Keynote Lecture by Martin Beer: The Pestivirus Journey: From Major Animal Pathogens to Eradication and Structural Discovery <i>Chairs: Kenn Holmbeck & Volker Lohmann</i>

Wednesday 16 September 2026

10:55 - 12:30	Cell biology of virus infection 2 <i>Chairs: Kenn Holmbeck & Volker Lohmann</i>
10:55 - 11:05	Conserved histidine residues and the control of tick-borne encephalitis virus maturation <i>Karin Stiasny, Medical University of Vienna</i>
11:05 - 11:15	Divergent dependence on host gene SIGMAR1 shapes hepatitis C and orthoflavivirus infection. <i>Pablo Gastaminza, CNB-CSIC</i>
11:15 - 11:25	Hepatitis E virus entry requires the cholesterol transporter Niemann-Pick C1 <i>Yannick Brueggeman, Ruhr University Bochum</i>
11:25 - 11:35	LLPS-Dependent Condensate Formation at Lipid Droplets Drives Genome Packaging during Hepatitis C Virus Assembly <i>Masahiko Ito, Hamamatsu University School of Medicine</i>
11:35 - 11:45	The cellular receptor dystroglycan 1 promotes tick-borne flavivirus infection <i>Hans Heinrich Hoffman, The Rockefeller University</i>
11:45 - 11:50	Characterizing the interaction between the hepatitis E virus pORF1 polyprotein and fatty acid metabolism during viral genome replication <i>khadijah M Abualsaoud, University Of Leeds</i>
11:50 - 11:55	DENV2 NS3 HELICASE ACTIVITY UNCOUPLES CELLULAR STRESS BY REWIRING THE INTEGRATED STRESS RESPONSE PATHWAY <i>Vanshika Saxena, Indian Institute Of Technology, Mandi</i>
11:55 - 12:00	Host cell factors control whether pestiviruses depend on micro-RNAs for replication <i>Rui da Costa, Ruhr Universität Bochum</i>
12:00 - 12:05	Lipid peroxidation impacts orthoflavivirus infection in a virus-dependent manner <i>Eva Herker, Marburg University</i>
12:05 - 12:10	Molecular characterization of Rio Bravo Virus, a bat-associated flavivirus, in bat and human cells <i>Samuel Donaire-Carpio, Institut Pasteur</i>
12:10 - 12:15	Signal peptide peptidase (SPP) promotes dengue virus replication by clearing the deleterious uncleaved E-NS1 <i>Bailiang Lai, Shanghai Institute Of Materia Medica, Chinese Academy Of Sciences</i>
12:15 - 12:20	Understanding functions of flavivirus NS1 in viral replication using non-homologous transcomplementation <i>Emily Xia, Princeton University</i>
12:20 - 12:25	Zika virus produces two distinct NS2A isoforms that play disparate roles in viral replication and virion assembly <i>Breanna Landry, University of British Columbia</i>
12:25 - 12:30	ZIKV polyprotein intermediate NS4A-2k-NS4B interacts with a distinct set of host factors with essential functions in virion assembly and trafficking <i>Yen-Chia Lin, Leibniz Institute of Virology</i>

Wednesday 16 September 2026

12:30 - 13:30	<i>Lunch Break</i>
13:30 - 13:55	Keynote Lecture by Heidi Drummer: Head-to-Head Evaluation of HCV Vaccine Candidates: A Framework for Vaccine Down-Selection <i>Chairs: Rowena Bull & Mauricio Nogueira</i>
13:55 - 15:15	Vaccinology 2 <i>Chairs: Rowena Bull & Mauricio Nogueira</i>
13:55 - 14:05	Analysis of the immune response elicited by two related Zika virus vaccine candidates <i>Katherine Burgomaster, National Institutes of Health</i>
14:05 - 14:15	Characterisation and mRNA vaccine development for a Japanese encephalitis virus genotype IV isolate from the 2022 Australian outbreak <i>Abigail L Cox, QIMR Berghofer</i>
14:15 - 14:25	Consensus native-like hepatitis C virus E1E2 engages broadly neutralizing antibody precursors <i>Fabian Mulder, Amsterdam Umc</i>
14:25 - 14:35	Structure-guided epitope masking of HCV E2 redirects antibody responses to neutralizing epitopes and improves neutralization <i>Sekyere Boateng, Cornell University</i>
14:35 - 14:45	Multivalent epigraph-based mRNA-LNP vaccination induces broad, genotype-specific T-cell immunity across HCV genotypes <i>Bill Bremer, The Abigail Wexner Research Institute at Nationwide Children's Hospital</i>
14:45 - 14:50	A novel design for recombinant dimeric envelope antigens with potential for broad Orthoflavivirus applicability <i>Adinda Kok, Utrecht University</i>
14:50 - 14:55	A self-amplifying HCV RNA vaccine candidate <i>Hoa Le, Li Ka Shing Applied Virology Institute, University Of Alberta</i>
14:55 - 15:00	HCV E1E2 polyvalent vaccine combining neutralization-sensitive and resistant strains <i>Thomas Fuerst, University of Maryland</i>
15:00 - 15:05	mRNA Vaccine Against Hepatitis C Virus Targeted for Liver Tissue-Resident Memory T cells <i>Henrik Johansson, Adelaide University</i>
15:05 - 15:10	MVA-based therapeutic vaccination against equine hepacivirus: vector validation to longitudinal in vivo evaluation in ponies <i>Jessika-M.V. Cavalleri, University of Veterinary Medicine Vienna</i>
15:10 - 15:15	Vaccine Platform Determines the Magnitude and Memory Phenotype of Pan-Genotypic HCV-Specific CD8+ T-Cell Responses <i>Rebecca Strain, University Of Oxford</i>

Wednesday 16 September 2026

15:15 - 15:45	<i>Coffee Break</i>
15:45 - 16:10	Keynote Lecture by Anna Durbin: The use of controlled human infection models to evaluate countermeasures for flavivirus infections Chairs: Ted Pierson
16:10 - 17:10	Controlled Human Infection Models (CHIM) in vaccine development <i>Chairs: Ted Pierson</i>
16:10 - 16:22	Update on clinical development of HCV CHIM and vaccine testing considerations <i>Eleanor Barnes, University of Oxford</i>
16:22 - 16:34	Update on clinical development of HCV CHIM and vaccine testing considerations <i>Jordan Feld, University Health Network</i>
16:34 - 16:46	Application of humanized liver chimeric mouse models to challenge inoculum generation for HCV CHIM <i>Jake Liang, NIH</i>
16:46-17:10	Panel Discussion
17:10 - 19:00	Poster Session B

Thursday 17 September 2026

08:30 - 08:55	Keynote Lecture by Shirit Einav: The Immune Landscape of Dengue Infection in Humans Through Systems Immunology <i>Chairs: Thomas Pietschmann & Holly Ramage</i>
08:55 - 10:00	Systems Virology <i>Chairs: Thomas Pietschmann & Holly Ramage</i>
08:55 - 09:05	Characterizing the neuronal RNA interactome during orthoflavivirus infection <i>Nicolas Fossat, University Of Copenhagen</i>
09:05 - 09:15	Non-Canonical RNA-Binding Proteins Revealed by Flaviviral Infection <i>Joseph Luna, Case Western Reserve University</i>
09:15 - 09:25	Ribosomal RNAs 2'-O-methylations: a new level of viral regulation of hepatitis C virus? <i>Pélagie Huchon, Inserm U1350 Pathliv</i>
09:25 - 09:35	Transcriptional Profiling of Hepatitis E Virus-Infected Liver Biopsies Highlights Signatures Associated with Immune Activation and Impaired Metabolic Function <i>Leyla Sirkintj, Ruhr University Bochum</i>
09:35 - 09:40	A pan-flavivirus pSILAC-DIA dataset for comparative analysis of virus-host interaction dynamics <i>Corinna Grünke, Technical University Of Munich</i>
09:40 - 09:45	Conflicts between conservation of protein sequence, structure, and flavivirus-host protein interactions <i>Priya Shah, University Of California, Davis</i>
09:45 - 09:50	Host IFNL4 shapes RNA evolution in hepatitis C virus <i>Yan Chen, University Of Oxford</i>
09:50 - 09:55	Phosphorylation Regulates West Nile Virus Protein Function and Infection <i>Holly Ramage, Thomas Jefferson University</i>
09:55 - 10:00	Role of miR-122 in hepacivirus replication, tissue tropism and host transcriptional regulation in vitro and in vivo <i>Emma Alberte Lundsgaard, University of Copenhagen, CO-HEP</i>
10:00 - 10:30	Coffee Break
10:30 - 10:55	Keynote Lecture by Justin Bailey: Challenges and progress for B cell-based HCV vaccines <i>Chairs: Mansun Law & Karin Stiasny</i>

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10:55 - 12:30	Adaptive Immunity <i>Chairs: Mansun Law & Karin Stiasny</i>
10:55 - 11:05	Acute and chronic infections drive distinct trajectories in human memory CD4+ T cell formation <i>Matthias Reinscheid, Universitätsklinikum Freiburg</i>
11:05 - 11:15	Dengue vaccination reshapes orthoflavivirus-specific B-cell memory and provides a back-boost to YFV immunity <i>Muriel Aguilar-Bretones, Erasmus Medical Center</i>
11:15 - 11:25	Early DAA-cure of persistent HCV infection prevents establishment of T-cell exhaustion in HCV-specific CD8 T cells <i>Suzan Dijkstra, Massachusetts General Hospital, Harvard Medical School</i>
11:25 - 11:35	IL32-Expressing CD8+ T Cells and MAIT Cells Characterize Protective Immunity in HCV Reinfection <i>Nicol Flores, CRCHUM, University of Montreal</i>
11:35 - 11:45	Transcriptomic profiling of tertiary lymphoid structures in acute resolving HCV infection. <i>Heather Blasczyk, The Abigail Wexner Research Institute at Nationwide Children's Hospital</i>
11:45 - 11:50	AlphaFold3-Enabled Discovery of Novel Neutralizing Antibody Targets in an HCV Super-Clearer <i>Haiyi Ye, The University of Melbourne</i>
11:50 - 11:55	Antibody isotype dynamics and escape pathways shape viral evolution of prototype strain H in acute to chronic HCV infection <i>Filip Popovic, CO-HEP</i>
11:55 - 12:00	Discovery of novel HCV-specific CD4 T-cell epitopes using a high-throughput DNA-barcoded MHCII multimer platform <i>Yogesh Basavaraju, Denmark Technical University</i>
12:00 - 12:05	Hepatitis C Reinfection After DAA Cure Reveals Persistent Tfh-B Cell Axis Dysfunction <i>Elsa Gomez Escobar, Université de Montréal</i>
12:05 - 12:10	Host genetics and adjuvants shape tick-borne encephalitis virus antibody repertoires and neutralization potency <i>Iris Medits-Weiss, Center for Virology, Medical University of Vienna</i>
12:10 - 12:15	Longitudinal characterization of the B-cell response in an elite clearer of hepatitis C virus using stabilized soluble consensus E1E2 proteins <i>Suzanne van den Aardweg, Amsterdam UMC</i>
12:15 - 12:20	Shaping B-cell and Antibody Responses to HCV Using an E2 Nanoparticle Vaccine <i>Anastasia Rup, Cornell University</i>
12:20 - 12:25	Single-cell transcriptomic and cellular analyses reveal dysregulated B-cell and T-cell immunity in patients with severe Murray Valley Encephalitis Virus infection <i>Genevieve Martin, Peter Doherty Institute For Infection And Immunity, University Of Melbourne</i>
12:25 - 12:30	The immunological and structural bases of hepaciviral adaptation <i>John Gridley, Emory University</i>

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12:30 - 13:30	<i>Lunch Break</i>
13:30 - 13:55	Keynote Lecture by Meghan Vermillion: Broad-Spectrum Antiviral Strategies for Dengue and Other Flaviviruses <i>Chairs: Branka Grubor-Bauk & Jean-Michel Pawlotsky</i>
13:55 - 15:00	Disease and Therapy 2 <i>Chairs: Branka Grubor-Bauk & Jean-Michel Pawlotsky</i>
13:55 - 14:05	Engineering Broadly Neutralizing Nanobodies Against Dengue Virus: Cross-Serotype Potency at Subnanomolar Levels <i>Domenic Ebert, University Of Copenhagen</i>
14:05 - 14:15	IFNL4 Polymorphism Is Associated With a Hepatic Transcriptomic Signature of IFN Response, Lipid Metabolism, and Fibrogenesis Years After HCV Clearance <i>Keisuke Fukutomi, Immunology Section, Liver Diseases Branch, NIDDK, National Institutes of Health</i>
14:15 - 14:25	Translational Virology Driving Innovation in Yellow Fever Antiviral Therapeutics <i>Jinhong Chang, Baruch S. Blumberg Institute</i>
14:25 - 14:35	Analysis of West Nile disease convalescents identifies human monoclonal antibodies protective against West Nile and related orthoflaviviruses <i>Tomás Cervantes Rincón, Institute For Research In Biomedicine, Università della Svizzera italiana</i>
14:35 - 14:40	Replication-Competent HCV Subgenomes Arising in Patients and Cell Culture Promote Viral Fitness In Vitro <i>Zhe Duan, Hvidovre Hospital</i>
14:40 - 14:45	Non-structural protein 1 (NS1) glycosylation is a mechanistic driver of yellow fever intoxication <i>Adam Bailey, University Of Wisconsin-madison</i>
14:45 - 14:50	Activation of endothelial cells by the dengue virus nonstructural NS1 protein can be blocked by a pre-treatment with polymyxin B <i>Marie Flamand, Institut Pasteur</i>
14:50 - 14:55	Discovery of a class of small molecule inhibitors of the Japanese encephalitis virus <i>Suzanne Kaptein, KU Leuven</i>
14:55 - 15:00	Modeling predicts 12 versus 8 weeks of DAA treatment is more cost effective for HCV micro-elimination among metropolitan Chicago PWID <i>Harel Dahari, Loyola University Chicago</i>

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15:00 - 15:30	<i>Coffee Break</i>
15:30 - 16:10	Closing Lecture by Ralf Bartenschlager: Hepaciviruses and Flaviviruses at the Crossroads: What We Have Learned—and What Still Puzzles Us <i>Chair: Felix Rey</i>
16:10 - 16:40	Closing Remarks: Jens Bukh, Judith Gottwein and Troels Scheel
16:10 - 16:20	Award Ceremony
16:20 - 16:30	Presentation of future HCV-Flavi meetings
16:30 - 16:40	Closing by Jens Bukh, Judith Gottwein and Troels Scheel
18:30 - 00:00	Gala Dinner in Tivoli Gardens

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