

Group	Paper Number	First Name	Last Name	Paper Title	Theme
B	01	Naseh	Majidi	AlphaFold3-based Discovery of a Distinct Front Layer Epitope Consistently Targeted During Spontaneous HCV Clearance	Adaptive Immunity
B	02	Karin	Byskata	Phenotypic and Functional Characteristics of Adaptive Immune Responses in Tick-Borne Encephalitis Virus Infection	Adaptive Immunity
B	03	Christina	Deschermeier	Serotype-resolved antibody responses uncover immune imprinting in secondary dengue virus infections and reveal prior exposure history	Adaptive Immunity
B	04	Stefanie	Hoffmann	Genome-Wide Characterization of HLA Class I-Associated Adaptation in Chronic HCV Infection at the Population Level	Adaptive Immunity
B	05	Stan	Peters	A unique antibody framework region 3 insertion enables binding by a VH1-69-derived broadly neutralizing HCV antibody	Adaptive Immunity
B	06	Henny	Schimossek	Examination of the interplay of host immune competence and replication fitness of HCV in HCV-HIV coinfectd patients	Adaptive Immunity
B	07	Jordan	Stoddart	Neutralising antibodies bind poorly in an HCV reinfection	Adaptive Immunity
B	08	Hany	Zinad	Defining conserved and serotype-specific regions of Dengue virus for cross-reactive T-cell assessment, with extension to Zika virus	Adaptive Immunity
B	09	Jahanara Akter	Sonia	Accumulation of ZIKV noncoding RNA selectively reprograms host translation in placental trophoblasts independent of transcriptional changes.	Cell biology of virus infection
B	10	Marie Déborah	Bancilhon	Lipid hijacking and membrane remodeling during Zika virus (ZIKV) infection	Cell biology of virus infection
B	11	Laura	Bierau	Subcellular Location Analysis of Flavivirus Capsid Proteins Reveals a Distinct Localization of the ZIKV C Protein to Nuclear Lipid Droplets	Cell biology of virus infection
B	12	Marion	Castell	Characterization of Huh7-GCK+/HK2– cell infection by Hepatitis C Virus genotype 3a	Cell biology of virus infection
B	13	Rui	da Costa	Uncovering the role of Argonaute proteins during hepatitis E virus infection.	Cell biology of virus infection
B	14	Seong-Jun	Kim	Zika Virus-Induced MCOLN1 Dysfunction Drives Mitochondrial Quality Control Failure and Inflammation	Cell biology of virus infection
B	15	Thea	Kristensen	Determinants of West Nile virus polyprotein junction cleavage by the viral protease	Cell biology of virus infection
B	16	Chieko	Matsui	Hepatitis C virus enhances LAMP-2A transcription through NRF2 to support viral replication	Cell biology of virus infection
B	17	Stephanie	Pfänder	Identification of novel viral entry factors and development of antiviral approaches -DEFENDER-	Cell biology of virus infection
B	18	Margarita	Shnipova	Defining entry and endocytosis of the yellow fever vaccine virus YF17D leading to antigen presentation by dendritic cells	Cell biology of virus infection
B	19	Maria	Tariq	Molecular Determinants of CD302 mediated antiviral activity of Hepatitis C virus	Cell biology of virus infection
B	20	Birke Andrea	Tews	Retention of West Nile Virus Envelope protein	Cell biology of virus infection
B	21	Thi Kim Chi	Vu	Host Pathway Remodeling in Hepatitis E Virus Infection	Cell biology of virus infection
B	22	Wing Hang	Ip	Evaluation of Novel PI3K Class II Inhibitors for Antiviral Activity Against Zika Virus	Disease and Therapy
B	23	Viktoria	Lampa	Performance evaluation of a quantum dot fluorescence immunochromatography- based lateral flow assay for detection of Dengue Virus Nonstructural Protein 1	Disease and Therapy
B	24	Tehmina	Bharucha	Identification of putative cross-reactive epitopes of neurological flaviviruses using bioinformatic approaches	Disease and Therapy
B	25	Natasha	Cassani	A Bunyamwera virus-based screening pipeline for the identification of Oropouche virus inhibitors	Disease and Therapy
B	26	Mailis	Darmuzey	Zika virus impairs cerebral capillary formation and promotes blood–brain barrier disruption during embryonic development	Disease and Therapy
B	27	Melissanne	de Wispelaere	Targeting Conserved Viral RNA Structures: A Small Molecule Discovery Platform for Dengue Virus	Disease and Therapy
B	28	Laura	Krogh-Hansen	Subtype-specific responses to ravidasvir and established NS5A inhibitors in endemic HCV subtypes 3b and 4r and common subtypes in vitro	Disease and Therapy

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B	29	George	Mpekoulis	Design and Antiviral Profiling of ACC519CN, a Sartan-Derived Broad-Spectrum Antiviral Candidate	Disease and Therapy
B	30	Kentaro	Uemura	Discovery of Broad-Spectrum Antiviral Ribonucleoside Analogs against Positive-Strand RNA Viruses	Disease and Therapy
B	31	Richard	Brown	Differential hepatotropism and JAK inhibition of diverse human pathogenic orthoflaviviruses	Innate immunity and cell-intrinsic antiviral defense
B	32	Hind	Almohammadi	Identification and functional analysis of host-cell circular non-coding RNAs dysregulated during dengue virus replication	Innate immunity and cell-intrinsic antiviral defense
B	33	Denisa	Bojkova	Role of TLR2 signalling in host immune responses in monocytes and skin during flavivirus infection	Innate immunity and cell-intrinsic antiviral defense
B	34	Anne-charlotte	Gerstenberg	INTER-INDIVIDUAL DIFFERENCES IN CYTOKINE PROFILES IN HEPATITS VIRUS INFECTION	Innate immunity and cell-intrinsic antiviral defense
B	35	Sebastien	Lhomme	Host-Interferon-Stimulated Gene Response to Virus-Host Recombinant Variants of Hepatitis E Virus and Enhanced Viral Replication	Innate immunity and cell-intrinsic antiviral defense
B	36	Holly	Ramage	Antagonism of Innate Immune Signaling in Powassan Virus Infection	Innate immunity and cell-intrinsic antiviral defense
B	37	André	Gömer	Replication assessment of chimeric HEV-3 subtypes demonstrate enhanced replication fitness of HEV-3f isolates	Model systems
B	38	Kyrylo	Bisikalo	Kinetic characterization of TBEV NS5 protein and mechanistic investigation of drug candidates with a simple fluorescent assay.	Model systems
B	39	Kai	Dallmeier	Dendritic Cells and Fibroblasts are the Main Targets for the Live-attenuated Yellow Fever Virus Vaccine in the Dermis of Mice	Model systems
B	40	Jiwoo	Han	Enhanced isolation of Japanese encephalitis virus from field-collected mosquitoes using polyethylene glycol	Model systems
B	41	Kohji	Moriishi	Distinct Immunosuppressive Conditions Differentially Regulate Persistent NRHV1 Infection and Pathogenesis in Mice	Model systems
B	42	Katelyn	Raney-plourde	An EqHV E2-based Nanoparticle Vaccine Elicits Cross-Reactive Antibody Responses Against Divergent Strains	Model systems
B	43	Harry	Paul	A highly accurate and broadly applicable computational approach for prediction of antigen-antibody structures	Structural virology
B	44	Joseph	Cruz	Beyond Antigenic regions AR3 and AR4: Novel Broadly Neutralizing Antibodies Redefine Vulnerabilities for HCV Vaccine Design	Structural virology
B	45	Giulia	Mizzon	Characterization of the hepatitis C virus replication organelles by in situ cryo-electron tomography	Structural virology
B	46	Mary	Petrone	Quantifying putative genome expansion events in the Flaviviridae	Structural virology
B	47	Jinhua	Xiang	Dengue virus serotype-specific envelopes alter cell receptor usage in vitro.	Structural virology
B	48	Marko	Snajder	Monitoring Orf Virus Production with PATfix® Analytical Method	Systems virology
B	49	Rose	Homoelle	Uncovering the RNA-Binding Landscape of ZIKV Capsid Protein	Systems virology
B	50	Michelle	Law	Unraveling dengue virus nonstructural protein 5 linker structure and evolution	Systems virology
B	51	Charushila	Paul	Unscrambling HCV-induced rewiring of host cell factors and organelles involved in lipid metabolism	Systems virology
B	52	Lucas	Wilken	Characterisation of the orthoflavivirus NS4A interactome reveals a conserved role of TMTC4 in viral RNA replication	Systems virology
B	53	Emily	Fitzmeyer	Quantifying the impact of temperature and temperature fluctuation on West Nile virus population diversity during mosquito infection	Transmission and infection
B	54	Loraine	Busetto	Preparedness and response efforts to West-Nile virus emergence: insights from expert interviews in Germany and abroad	Transmission and infection
B	55	Samantha	Courtney	Characterizing early infection kinetics and disease outcomes following Powassan virus transmission by ticks	Transmission and infection
B	56	Nicola	Frericks	Viral entry defines the hepatitis E virus species barrier in murine hepatocytes	Transmission and infection
B	57	Camille	Johnston	Multiple Usutu virus lineages co-circulated during the first outbreak in Denmark	Transmission and infection

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B	58	Beate	Kümmerer	Restricted Replication of 2'-O-Methyltransferase-Deficient Orthoflaviviruses in Mosquitoes	Transmission and infection
B	59	Maeva	Loock	Lineage-specific pathogenesis: emerging African Zika virus strains induce severe cytopathic damage in human fetal kidney tissue ex vivo	Transmission and infection
B	60	Joy	Tomlinson	Seasonality of equine hepacivirus transmission in horses	Transmission and infection
B	61	Michael	Houghton	Mutations within the gpE1/gpE2 heterodimeric antigen enhance cross-neutralising antibody titers against various HCV isolates including "hard-to-neutralise" isolates	Vaccinology
B	62	Hiromi	Abe-Chayama	Attenuation and Immunogenicity of a Recombinant Kunjin Virus Vaccine Candidate for West Nile Virus	Vaccinology
B	63	Klaudia	Barańska	Enhanced Functional Antibody Responses Elicited by Structurally Stabilized TBEV VLPs	Vaccinology
B	64	Lucija	Bujanic	Development and characterization of a pan-genotypic hepatitis C vaccine targeting CD8+ T-cell responses	Vaccinology
B	65	Meital	Gal Tanamy	B-cell restricted linear peptide vaccine design based on a clearance-associated epitope signature of Hepatitis C virus	Vaccinology
B	66	Juthika	Kundu	Recombinant HCV gpE1/gpE2 derived from the "hard-to-neutralise" S52 genotype 3 isolate elicits broad cross-neutralising antibodies in guinea pigs	Vaccinology
B	67	Emelie	Linhardt	Investigation of possible cross-reactive flavivirus antibodies and interference of clinical diagnostics following Dengue vaccination	Vaccinology
B	68	Gerardo	Montalvo Zurbia Flores	Multivalent Experimental Hepatitis C virus (HCV) mRNA-LNP Vaccines designed to mimic Repeated Viral Exposure enhances Cross-Reactive Immunity	Vaccinology
B	69	Mauricio	Nogueira	Clinical, virological and genomic characterization of dengue infections following Butantan-DV vaccination in a Phase 3 trial in Brazil	Vaccinology
B	70	Ahmed Abdul	Quadeer	Computational Discovery of Immunodominant and Evolutionarily Robust T-Cell Targets for Rational Dengue Vaccine Design	Vaccinology
B	71	Julie	Sheldon	Identification of an amino acid in HCV-E1E2 associated with CD81-binding loop prefusion stability and immunogenicity	Vaccinology
B	72	Nicole	Skinner	An mRNA vaccine strategy combining HCV E1E2 with nonstructural antigens does not diminish E1E2-directed antibody responses	Vaccinology
B	73	Mena	Youssef	mRNA-based Production of Vesicular Stomatitis Virus HCV E1/E2 Vaccine Vector Particles	Vaccinology