

SGVIVI 3rd Annual Meeting

Programme

Day 1: Thursday, 22 April 2021

Time schedule	Topic and Speaker	Chair
9:00h Germany 15:00h China	Greeting words by: Prof. Ulf Dittmer , University of Duisburg-Essen UDE, Director of the Institute for Virology, Head of the SGVIVI and Prof. Dongliang Yang , Wuhan Union Hospital, Dept. of Infectious Diseases, SGVIVI Representative in China	Ulf Dittmer
Part 1	Summary of Activities since the last meeting in Essen/Germany in March 2019	
9:10h 15:10h	SGVIVI General Assembly Meeting: overview by Prof. Ulf Dittmer : - Changes of SGVIVI members - Research activities - Achievements, grants, important (joint) publications	
9:30h 15:30h	Plenary Talk 1 <i>30 minutes + 5 minutes discussion</i> Comparative analysis of hepatitis C virus and SARS-CoV-2 replication Prof. Ralf Bartenschlager , University of Heidelberg, Department of Infectious Diseases, Molecular Virology, Centre for Integrative Infectious Disease Research (CIID)	
10:05h 16:05h	COVID-19 research at the Wuhan-Essen Joint Laboratory, HUST, Wuhan <i>(20 minutes)</i> Summary of projects and achievements Prof. Ulf Dittmer and Prof. Xin Zheng , Director of the Dept. of Infectious Diseases, Wuhan Union Hospital	Mirko Trilling
10:35h 16:35h	Overview of activities and joint research Essen-Fudan: <i>20 minutes + 5 minutes discussion</i> Prof. Zhenghong Yuan , Director, Key Laboratory of Medical Molecular Virology, Shanghai Medical College of Fudan University	
11:00h 17:00h	Short project status overview <i>(10 minutes)</i> : Targeting the host immune response to control chronic viral infections 靶向宿主免疫应答控制慢性病毒感染 PD Dr. Kathrin Sutter , UDE Institute for Virology and Ass.-Prof. Dr. Jia Liu , Wuhan Union Hospital, Dept. of Infectious Diseases <i>Network funding within the frame of the DFG-NSFC "Mobility Programme" for 2020-2022 (granted in November 2019)</i>	

Part 2	Progress reports of SGVIVI joint projects (jointly funded by DFG and NSFC via Sino-German Center Beijing), <i>20 minutes + 5 minutes discussion</i>	Xin Zheng
11:10h 17:10h	Immune escape driven evolution of HIV-1 probed by circulating recombinant forms 免疫逃逸驱动 HIV-1 重组进化的分子机制研究 Prof. Daniel Hoffmann , UDE, Faculty of Biology/Bioinformatics and Prof. Rongge Yang , Wuhan Institute of Virology (<i>granted in December 2017</i>)	
11:35h 17:35h	IFN α subtype-specific susceptibility of HBV in the course of infection 乙型肝炎病毒感染过程中干扰素 α 亚型特异敏感性研究 PD Dr. Kathrin Sutter , UDE Institute for Virology and Ass.-Prof. Dr. Jia Liu , Wuhan Union Hospital, Dept. of Infectious Diseases (<i>granted in December 2018</i>)	
12:00h 18:00h	Important roles of HBe and HBs antigens in the evasion of endogenous innate immune responses in Hepatitis B Virus infection PD Dr. Ruth Bröring , UDE, Department of Gastroenterology and Hepatology (<i>granted by DFG in November 2020; project in close cooperation with Prof. Ying Zhu and Dr. Shi Liu, Wuhan University</i>)	
12:25h 18:25h	30 minutes break	
12:55h 18:55h	Plenary Talk 2 <i>30 minutes + 5 minutes discussion</i> Progressive loss of CD4 T cells and related mechanism in HIV-infected patients Prof. Fusheng Wang , Chinese Academy of Sciences, Director, Department of Infectious Diseases, The 5 th Medical Center of Chinese PLA General Hospital	Dongliang Yang
Part 3	Scientific talks (<i>25 minutes + 5 minutes discussion</i>)	
13:30h 19:30h	A MERS vector vaccine protecting camels as blueprint for a candidate vaccine against SARS-CoV-2 Prof. Gerd Sutter , Chair for Virology, Ludwig-Maximilians-University of Munich	
14:00h 20:00h	Pre-existing or predisposition? The new insights into unexpected immune response to vaccination Prof. Hong Tang , Director, Institute Pasteur Shanghai	
14:30h 20:30h	Profiling the landscape of non-neutralizing antibody responses during natural EBV infection PD Dr. Christina Karsten , UDE, Institute for Translational HIV Research	Mengji Lu
15:00h 21:00h	Development of anti-SARS-CoV-2 drugs by targeting replication complex Prof. Deyin Guo , Medical College of Sun Yat-Sen University Guangzhou, Shenzhen Campus	
15:30h 21:30h	Joint discussion forum and summary, closing remarks	
16:00h 22:00h	End of day 1	

Day 2: Friday, 23 April 2021

Time schedule	Topic and Speaker	Chair
9:00h 15:00h	Log-in time and short greeting words by Prof. Ulf Dittmer and Prof. Dongliang Yang	
Part 4	Scientific talks by SGVIVI members (25 minutes + 5 minutes discussion)	
9:10h 15:10h	Principles of Hepatitis E virus replication, persistence and antiviral strategies Prof. Eike Steinmann , Molecular and Medical Virology, Ruhr- University Bochum	Youhua Xie
9:40h 15:40h	Control of the HBV 'Engine' (cccDNA) by Epigenetic Modulation Ass.-Prof. Jieliang Chen , Key Laboratory of Medical Molecular Virology, Shanghai Medical College of Fudan University	
10:10h 16:10h	The role of NK cells in the control of acute and chronic hepatitis virus infections Prof. Heiner Wedemeyer , Clinic for Gastroenterology, Hepatology and Endocrinology, MHH Hospital Hannover	Wibke Bayer
10:40h 16:40h	Hepatitis B virus rigs the cellular metabolome to avoid innate immune recognition Dr. Shi Liu , workgroup of Prof. Ying Zhu, State Key Lab of Virology, College of Life Sciences, Wuhan University	
11:10h 17:10h	TLR-mediated T and B cell activation requires MyD88-dependent metabolic regulation Prof. Mengji Lu , UDE, Institute for Virology	
11:40 17:40h	30 minutes break	
12:10h 18:10h	A live-attenuated mouse cytomegalovirus vaccine mutant provides vertically transmitted immunity and reveals maternal antibodies as an indispensable correlate of protection Prof. Mirko Trilling , UDE, Institute for Virology	Astrid Westendorf
12:40h 18:40h	Mucosal Immunity in Respiratory Tract and Development of Mucosal Vaccines against Respiratory Viruses Prof. Huimin Yan , Vaccine and Immunology Research Center, Translational Medical Research Institute, Shanghai Public Health Center, Fudan University	
13:10h 19:10h	Sphingosine acts antiviral in macrophages Prof. Karl Lang , UDE, Institute for Immunology	
13:40h 19:40h	Antivirals against SARS-CoV-2 Infection Prof. Youhua Xie , key Lab of Medical Molecular Virology, Shanghai Medical College, Fudan University, Shanghai	Xinwen Chen
14:10h 20:10h	Calcium Phosphate Nanoparticles for Therapeutic Applications Dr. Viktoriya Sokolova , work group of Prof. Matthias Epple, UDE, Faculty of Chemistry, Inorganic Chemistry and Dr. Torben Knuschke , work group of Prof. Astrid Westendorf, UDE, Institute for Medical Microbiology	
14:40h 20:40h	Host metabolism dysregulation and cell tropism identification in human airway and alveolar organoids upon SARS-CoV-2 infection Dr. Rongjuan Pei , Wuhan Institute of Virology WIoV, workgroup of Prof. Xinwen Chen, Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences, Guangzhou (former affiliation: WIoV)	
15:10h 21:10h	Joint discussion forum and summary, closing remarks by Prof. Ulf Dittmer and Prof. Dongliang Yang	
15:30h 21:30h	End of the meeting	
15:30-16:30h 21:30h-22:30h	SGVIVI Scientific Board Meeting: strategy discussion, miscellaneous <i>Board members only !</i> Ulf Dittmer, Dongliang Yang, Matthias Gunzer, Karl Lang, Astrid Westendorf, Xinwen Chen, Zhenghong Yuan, Ying Zhu	