

11th Summer Academy “Infection and Immunity” 16-27 August 2021

Lecture programme

Week 1	Wuhan Time (German time)	lecture title	lecturer
Monday 16 August	16:00h-19:00h (10:00h-13:00h)	Opening and Welcome address: 11 th Summer Academy of the Medical Faculty, University of Duisburg-Essen ----- Regulatory T cells in viral infections	Prof. Dr. Ulf Dittmer Representative for the China Cooperation, Medical Faculty, UDE Director of the Institute for Virology, Head of Sino-German Virtual Institute for Viral Immunology
Tuesday 17 August	16:00h-17:30h (10:00h -11:30h)	Immune control and pathogenesis of hepatitis B virus infection	Prof. Dr. Mengji Lu Institute for Virology; UDE
Wednesday 18 August	16:00h-17:30h (10:00h-11:30h)	Hepatic innate immunity - friend or foe in viral infections	PD Dr. Ruth Broering Department of Gastroenterology and Hepatology
Thursday 19 August	14:30h-15:30h (8:30h – 9:30h)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	Ass.-Prof. Dr. Jia Liu Wuhan Union Hospital
	16:00h-17:30h (10:00h-11:30h)	Type I Interferons in viral infections	PD Dr. Kathrin Sutter Institute for Virology, UDE
Friday 20 August	16:00h-17:30h (10:00h-11:30h)	Principles of gene-based immunization and application in Sars-CoV-2 vaccine development	PD Dr. Wibke Bayer Institute for Virology

Week 2			
Monday 23 August	16:00h-17:30h (10:00h-11:30h)	Calcium phosphate nanoparticles and their application in medicine	Dr. Viktoriya Sokolova Inorganic Chemistry, UDE
	17:40-18:40h	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	Ass.-Prof. Dr. Jieliang Chen Shanghai Fudan University
Tuesday 24 August	16:00h-17:30h (10:00h-11:30h)	Tumor Immunology and Immunotherapy	Prof. Dr. Sven Brandau Experimental & Translational Research, Dept. of Otorhinolaryngology, UDE;
	10 minutes break 17:40h – 18:00h (11:40 – 12:00h)	Short introduction to BIOME - Graduate School of Biomedical Science: www.uni-due.de/biome	Chair of BIOME – Graduate School of Biomedical Science, UDE BIOME coordinator: Delia Cosgrove
Wednesday 25 August	16:00h-17:30h (10:00h-11:30h)	How cytomegaloviruses fool innate immunity	Prof. Dr. Mirko Trilling Institute for Virology, UDE
Thursday 26 August	14:30h-15:30h (8:30h-9:30h)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	Prof. Dr. Mengji Lu
	16:00h-17:30h (10:00h-11:30h)	Immune Mechanisms of virus control	Prof. Dr. Karl Lang Institute of Immunology, UDE
Friday 27 August	16:00h-17:30h (10:00h-11.30)	Whole organ quantitative biology with light sheet microscopy uncovers healthy and pathologic physiology with unprecedented detail - A lecture on 3D microscopic techniques in science and for clinical diagnosis	Prof. Dr. Matthias Gunzer Institute for Experimental Immunology and Imaging IMCES, UDE
		----- Discussion Closing and Farewell	Prof. Dr. Mengji Lu and coordinators