

Summer Academy “Infection and Immunity in times of COVID-19” 17-28 August 2020

Lecture programme

Week 1	Wuhan Time (German time)	lecture title	lecturer
Monday 17 August room 0.38	16:00h-19:00h (10:00h-13:00h)	Opening and Welcome address: 10 th Summer Academy of the Medical Faculty, University of Duisburg-Essen	Prof. Dr. Ulf Dittmer Representative for the China Cooperation, Medical Faculty, UDE
		----- Immune control and pathogenesis of hepatitis B virus infection	Prof. Dr. Mengji Lu Institute for Virology; UDE
Tuesday 18 August room 0.38	17:15h-18:45h (11:15h-12:45h)	Hepatic innate immunity - friend or foe in viral infections	PD Dr. Ruth Broering Department of Gastroenterology and Hepatology
Wednesday 19 August home office	16:00h-17:30h (10:00h-11:30h)	Pathogenesis of hepatitis D Virus: the most severe form of chronic hepatitis	Prof. Dr. Michael Roggendorf Institute of Virology, Technical University Munich
Thursday 20 August room 0.38	15:30h-16:30h (9:30h- 10:30h)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	Prof. Dr. Donliang Yang Wuhan Union Hospital
	17:00h-18:30h (11:00h-12:30h)	Type I Interferons in viral infections	PD Dr. Kathrin Sutter Institute for Virology, UDE
Friday 21 August room 0.38	17:15h-18:45h (11:15h-12:45h)	Adaptive immunity induced by live-attenuated cytomegalovirus mutants lacking antagonists of innate immune signaling.	Prof. Dr. Mirko Trilling Institute for Virology

Week 2			
Monday 24 August room 0.38	16:00h-17:30h (10:00h-11:30h)	Calcium phosphate nanoparticles and their application in medicine	Dr. Viktoriya Sokolova Inorganic Chemistry, UDE
	17:40h-18:40h (11:40h- 12:40h)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	Prof. Dr. Jieliang Chen Shanghai Fudan University
Tuesday 25 August room 0.38	15:30h-16:45h (9:30h-10:45h)	Principles of gene-based immunization and application in Sars-CoV-2 vaccine development	PD Dr. Wibke Bayer Institute for Virology, UDE
	16:50-17:30h (10:50-11:30)	5 minutes break The German Public Health System and Sars-CoV-2/Covid-19 management	Hansjoerg Schulze Medical specialist at the City of Soest health authority; doctoral student supervised by Wibke Bayer
Wednesday 26 August home office	17:00h-18:30h (11:00-12:30h)	Treatment of virus infections: antiviral antibodies	PD Dr. Ady Krawczyk , Research Head, Dept. of Infectious Diseases
Thursday 27 August room 0.38 ?	16:00h-17:00h (10:00-11:00h)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum); overview of the Medical Faculty, University Hospital Essen, University of Duisburg-Essen	Prof. Dr. Mengji Lu Institute for Virology, UDE
	17:15h-18:45h (11:15h-12:45h)	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
Friday 28 August home office	17:15h-18:45h (11:15h-12:45h)	Predicting CTL epitopes and detecting immune escape mutations	Prof. Dr. Daniel Hoffmann Dept. of Bioinformatics and Computational Biophysics
		Closing and Farewell	t.b.a.