

A special online programme for students from

- Wuhan, Huazhong University, Tongji Medical College
- Shanghai, Fudan University, Shanghai Medical College
- Guangzhou, Sun Yat-Sen University, Sun Yat-Sen Memorial Hospital and SYSU Shenzhen Campus

Lecture programme week 1

Week 1	Chinese Time (German time)	lecture title	lecturer
Monday 11 July	16:00h-19:00h (10:00h-13:00h)	Opening and Welcome address: 12 th Summer Academy of the Medical Faculty, University of Duisburg-Essen ----- Regulatory T cells in viral infections ----- After the talk: introduction of the participants, short self presentations	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 All participants
Tuesday 12 July	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 13 July	16:00h-17:30h (10:00h-11:30h)	Tumor Immunology and Immunotherapy	Prof. Dr. Sven Brandau Experimental & Translational Research, Dept. of Otorhino- laryngology, UDE; Chair of BIOME – Graduate School of Biomedical Science, UDE
	17:40h – 18:00h (11:40 – 12:00h)	Short introduction to BIOME Graduate School of Biomedical Science: www.uni-due.de/biome	BIOME coordinator: Delia Cosgrove
Thursday 14 July	16:00h-17:30h (10:00h-11:30h)	Type I Interferons in viral infections	PD Dr. Kathrin Sutter Institute for Virology, UDE
Friday 15 July	16:30h-17:30h (10:30h – 11:30h)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	Ass.-Prof. Dr. Jia Liu Wuhan Union Hospital
	18:00h-19:30h (12:00h-13:30h)	Calcium phosphate nanoparticles and their application in medicine	Dr. Viktoriya Sokolova Inorganic Chemistry, UDE

Lecture programme week 2

Week 2			
Monday 18 July	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
	10 minutes break		
	17:40h – 19:00h (11:40h- 13:00)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	Ass.-Prof. Dr. Jieliang Chen Shanghai Fudan University
Tuesday 19 July	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
Wednesday 20 July	16:00h-17:30h (10:00h-11:30h)	Computational discovery of HLA associated mutations in viral genomes	Prof. Dr. Daniel Hoffmann
	10 minutes break		
	17:40h – 19:00h (11:40h- 13:00)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum) with a special focus on bioinformatics in infectious diseases research	Prof. Dr. Mengji Lu and Dr. Jun Wang, Wuxi (fellow UDE Medical Faculty until 5/2022, group Daniel Hoffmann)
Thursday 21 July	16:00h-17:30h (10:00h-11:30h)	Immune Mechanisms of virus control	Prof. Dr. Karl Lang Institute of Immunology, UDE
Friday 22 July	16:00h-17:30h *** (10:00h-11:30h)	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
	10 minutes break	-----	
	17:40h-19:00h (11:40h-13:00h)	Discussion, teacher and student forum Closing and Farewell	Prof. Dr. Mengji Lu and with Chinese fellows at the University of Duisburg-Essen Medical Faculty

*** The lecture of Prof. Gunzer has to be postponed to Monday, 25 July, 17:00h-18:30h Chinese time (11:00h-12:30h German time) !!!