

## 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	Beijing Time (German time)	lecture title	lecturer
Monday 11 July	16:00h-19:00h (10:00h-13:00h)	<p>Opening and Welcome address: 12<sup>th</sup> Summer Academy of the Medical Faculty, University of Duisburg-Essen</p> <p>-----</p> <p style="text-align: center;">Regulatory T cells in viral infections</p> <p>-----</p> <p>After the talk: introduction of the participants, short self presentations</p>	<p><b>Prof. Dr. Ulf Dittmer</b> Representative for the China Cooperation, Medical Faculty, UDE</p> <p>Director of the Institute for Virology, Head of Sino-German Virtual Institute for Viral Immunology</p> <p>All participants</p>
Tuesday 12 July	16:00h-17:30h (10:00h -11:30h)	Immune control and pathogenesis of hepatitis B virus infection	<b>Prof. Dr. Mengji Lu</b> Institute for Virology; UDE
Wednesday 13 July	16:00h-17:30h (10:00h-11:30h)	Tumor Immunology and Immunotherapy	<b>Prof. Dr. Sven Brandau</b> Experimental & Translational Research, Dept. of Otorhinolaryngology, UDE; Chair of BIOME – Graduate School of Biomedical Science, UDE
Thursday 14 July	16:00h-17:30h (10:00h-11:30h)	Type I Interferons in viral infections	<b>PD Dr. Kathrin Sutter</b> 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)	<b>Ass.-Prof. Dr. Jia Liu</b> Wuhan Union Hospital
	18:00h-19:30h (12:00h-13:30h)	Calcium phosphate nanoparticles and their application in medicine	<b>Dr. Viktoriya Sokolova</b> Inorganic Chemistry, UDE

## Lecture programme week 2

Week 2			
Monday 18 July	<b>16:00h-17:30h</b> (10:00h-11:30h)	Hepatic innate immunity - friend or foe in viral infections	<b>PD Dr. Ruth Broering</b> Department of Gastroenterology and Hepatology
	10 minutes break		
	<b>17:40h – 19:00h</b> (11:40h- 13:00)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	<b>Ass.-Prof. Dr. Jieliang Chen</b> Shanghai Fudan University
Tuesday 19 July	<b>16:00h-17:30h</b> (10:00h-11:30h)	Principles of gene-based immunization and application in Sars-CoV-2 vaccine development	<b>PD Dr. Wibke Bayer</b> Institute for Virology
Wednesday 20 July	<b>16:00h-17:30h</b> (10:00h-11:30h)	Computational discovery of HLA associated mutations in viral genomes	<b>Prof. Dr. Daniel Hoffmann</b>
	10 minutes break		
	<b>17:40h – 19:00h</b> (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	<b>Prof. Dr. Mengji Lu and Dr. Jun Wang, Wuxi</b> (fellow UDE Medical Faculty until 5/2022, group Daniel Hoffmann)
Thursday 21 July	<b>16:00h-17:30h</b> (10:00h-11:30h)	Immune Mechanisms of virus control	<b>Prof. Dr. Karl Lang</b> Institute of Immunology, UDE
	10 minutes break		
	<b>17:40h – 18:00h</b> (11:40 – 12:00h)	Short introduction to BIOME Graduate School of Biomedical Science: <a href="http://www.uni-due.de/biome">www.uni-due.de/biome</a>	BIOME coordinator: <b>Delia Cosgrove</b>
Friday 22 July	<b>16:00h-17:30h</b> (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	<b>Prof. Dr. Matthias Gunzer</b> Institute for Experimental Immunology and Imaging IMCES, UDE
	10 minutes break		
	<b>17:40h-19:00h</b> (11:40h-13:00h)	Discussion, teacher and student forum  Closing and Farewell	<b>Prof. Dr. Mengji Lu</b> and with Chinese fellows at the University of Duisburg-Essen Medical Faculty