

## 11<sup>th</sup> Summer Academy “Infection and Immunity” 16-27 August 2021

### Lecture programme **DRAFT**

Week 1	Wuhan Time (German time)	lecture title	lecturer
Monday 16 August	<b>16:00h-19:00h</b> (10:00h-13:00h)	Opening and Welcome address: 11 <sup>th</sup> Summer Academy of the Medical Faculty, University of Duisburg-Essen  -----  Regulatory T cells in viral infections	<b>Prof. Dr. Ulf Dittmer</b> 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	<b>16:00h-17:30h</b> (10:00h -11:30h)	Immune control and pathogenesis of hepatitis B virus infection	<b>Prof. Dr. Mengji Lu</b> Institute for Virology; UDE
Wednesday 18 August	<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
Thursday 19 August	<b>14:30h-15:30h</b> (8:30h – 9:30h)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	<b>Prof. Dr. Dongliang Yang</b> Wuhan Union Hospital <b>t.b.a.</b>
	<b>16:00h-17:30h</b> (10:00h-11:30h)	Type I Interferons in viral infections	<b>PD Dr. Kathrin Sutter</b> Institute for Virology, UDE
Friday 20 August	<b>16:00h-17:30h</b> (10:00h-11:30h)	Adaptive immunity induced by live-attenuated cytomegalovirus mutants lacking antagonists of innate immune signaling.	<b>Prof. Dr. Mirko Trilling</b> Institute for Virology .

<b>Week 2</b>			
Monday 23 August	<b>16:00h-17:30h</b> (10:00h-11:30h)	Calcium phosphate nanoparticles and their application in medicine	<b>Dr. Viktoriya Sokolova</b> Inorganic Chemistry, UDE
	<b>17:40-18:40h</b>	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	<b>Prof. Dr. Jieliang Chen</b> Shanghai Fudan University <b>t.b.a.</b>
Tuesday 24 August	<b>16:00h-17:30h</b> (10:00h-11:30h)	Tumor Immunology and Immunotherapy	<b>Prof. Dr. Sven Brandau</b> Experimental & Translational Research, Dept. of Otorhinolaryngology, UDE
Wednesday 25 August	<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, UDE
Thursday 26 August	<b>14:30h-15:30h</b> (8:30h-9:30h)	Tutorial: discussion of the previous sessions, questions and answers (teacher and student forum)	<b>Prof. Dr. Mengji Lu</b> <b>t.b.a.</b>
	<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
Friday 27 August	<b>16:00h-17:30h</b> (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  -----  Discussion  Closing and Farewell	<b>Prof. Dr. Matthias Gunzer</b> Institute for Experimental Immunology and Imaging IMCES, UDE