

HUST-Tongji / Fudan / Sun Yatsen – Essen

Summer Academy 2025

"Infection and Immunity"

18 – 29 August, 2025

at the University Hospital Essen

Lecture Hall: Robert-Koch-Haus, room 0.38, Virchowstr. 179



Tentative Programme

update 11.8.2025

HUST-Tongji / Fudan / Sun Yatsen - Essen Summer Academy 2025 "Infection and Immunity" at University Hospital Essen: Week I

	Mon. 18.8.	Tue. 19.8.	Wed. 20.8.	Thu. 21.8.	Fri. 22.8.	Sat. 23.8.	Sun. 24.8.
9:00-10:30	Opening and Introduction Medical Faculty / University Hospital Essen Mengji Lu	Lecture 2 Regulatory T cells in viral infections Ulf Dittmer	Lecture 4 Hepatic innate immunity - friend or foe in viral infections Stefan Schefzyk (Workgroup Ruth Bröring)	Lecture 6 How Cytomegalovirus fool innate immunity Mirko Trilling und Khanh Le-Trilling	Lecture 8 Vaccination of immunocompromised patients Frank Mosel	Morning: Gasometer Oberhausen. Departure time t.b.a. Afternoon: optional leisure programme: climbing at "Tree-to-tree" Oberhausen http://www.tree2tree.de/de/hochseilgarten/hochseilgarten-oberhausen.html Alternative: you may visit shopping center CENTRO Oberhausen	Full day: Visit Villa Hügel and Hügelpark, followed by a traditional German hiking tour: Lake Baldeney and along the Ruhr Valley, ... Departure time: 9:30h from meeting point train station
10:30-11:00	Break						
11:00-12:30	Lecture 1 Immune control and pathogenesis of hepatitis B virus infection Mengji Lu	Lecture 3 Effector mechanisms of virus specific T cells Gennadiy Zelinskyy	Lecture 5 Tumor Immunology and Immunotherapy Sven Brandau	Lecture 7 Antiviral Stewardship in herpesvirus infections Sebastian Voigt	Lecture 9 Gender Medicine Anke Hinney (Vice-Dean for Young academics and diversity management at the Medical Faculty)		
12:30-14:00	Lunch Break						
14:00-15:30	University Hospital campus tour	Clinical + lab visits t.b.a. Self study, talk preparation	Clinical + lab visits 14:00 Gastroenterology (Jan Best) Self study, talk preparation	Clinical + lab visits 14:00 Ophthalmology (Berchner-Pfannschmidt) 14:00 Gynecological Oncology (Kimmig/Buderath) Self study, talk preparation	Clinical + lab visits t.b.a. Self study, talk preparation		
	Lab visit 14:00-15:00 Virology Mengji Lu						
15:30-16:00	Break						
16:00-17:30	Self study, talk preparation	Clinical + lab visits t.b.a. Self study, talk preparation	After 16:00h Barbecue party at Gruga Park (barbecue site no.2)	Self study, talk preparation	RKH 16:15 Guided tour t.b.a.: "Folkwang Museum", Open end in Rüttenscheid		

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HUST-Tongji / Fudan / Sun Yatsen - Essen Summer Academy 2025 "Infection and Immunity" at University Hospital Essen: Week II

	Mon. 25.8.	Tue. 26.8.	Wed. 27.8.	Thu. 28.8.	Fri. 29.8.	Sat. 30.8.	Sun. 31.8.		
9:00-10:30	Lecture 10 The Human Immunodeficiency Virus – Exploring and Exploiting Virus Diversity for New Biomedical Interventions Christina Karsten	Lecture 12 Whole organ quantitative biology with light sheet microscopy uncovers healthy and pathologic physiology with unprecedented detail Matthias Gunzer	Lecture 14 Interferon subtypes Kathrin Sutter	Clinical visits: 8:00-9:45 trauma surgery Prof. Dudda, Dr. Rademacher	Lecture 18 Genetic Vaccines Wibke Bayer Lecture 19 Interplay between Hypoxia and Viral Infections Anna Malyshkina	Departure, travel back to China			
				Lecture 16 (Start: 10:00h) Molecular Biology of Influenza viruses Melanie Fiedler					
10:30-11:00	Break								
11:00-12:30	Lecture 11 Natural killer cells – friend or foe? Elisabeth Littwitz-Salomon	Lecture 13 Principles of Hepatitis E virus replication, resistance, and chronic persistence Daniel Todt (Mol. and Med. Virology Bochum)	Lecture 15 CMV and BKV infection in renal transplantation Sebastian Dolf	Lecture 17 The Yin and Yang of virus replication and immune activation Karl Lang	Lecture 20 Young academics at the faculty and international research cooperation in challenging times Ulf Dittmer				
					12:00 Summary and Farewell				
12:30-14:00	Lunch Break								
14:00-15:30	Students' presentations	Students' presentations	Meeting point: RKH at 13:30 Excursion with guided tour: “Zeche Zollverein” World Cultural Heritage(15:15h)	Clinical + lab visits 14:00 Lab Wibke Bayer	Optional: spare time activities t.b.a.				
15:30-16:00	break								
16:00-17:30	Students' presentations	Students' presentations	Optional: several dinner locations at the Zollverein site	Optional: spare time activities t.b.a.					