

update 31 July, 2024

HUST-Tongji / Fudan / Sun Yatsen – Essen

Summer Academy 2024

"Infection and Immunity"

19 – 30 August, 2024

at the University Hospital Essen

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



HUST-Tongji / Fudan / Sun Yatsen - Essen Summer Academy 2024 "Infection and Immunity" at University Hospital Essen: Week I

	Mon. 19.8.	Tue. 20.8.	Wed. 21.8.	Thu. 22.8.	Fri. 23.8.	Sat. 24.8.	Sun. 25.8.
9:00-10:30	Opening and Introduction Medical Faculty / University Hospital Essen Mengji Lu	Lecture 2 Hepatic innate immunity - friend or foe in viral infections Ruth Bröring	Lecture 4 Whole organ quantitative biology with light sheet microscopy uncovers healthy and pathologic physiology with unprecedented detail Matthias Gunzer	Lecture 6 How Cytomegalovirus fool innate immunity Mirko Trilling und Khanh Le-Trilling	Lecture 8 Genetic Vaccines Wibke Bayer Lecture 9 Interplay between Hypoxia and Viral Infections Anna Malyshkina	<p>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 Alternatively you may visit CENTRO Oberhausen</p> <p>Full day: Traditional German hiking tour: Lake Baldeney and along the Ruhr Valley, ... Departure time: t.b.a.</p>	
10:30-11:00	Break						
11:00-12:30	Lecture 1 Immune control and pathogenesis of hepatitis B virus infection Mengji Lu	Lecture 3 Principles of Hepatitis E virus replication, resistance, and chronic persistence Daniel Todt	Lecture 5 Tumor Immunology and Immunotherapy Sven Brandau	Lecture 7 Antiviral Stewardship in herpesvirus infections Sebastian Voigt	Lecture 10 Tumor research t.b.a. Jens Siveke ???		
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 t.b.a. Self study, talk preparation	Clinical + lab visits t.b.a. Self study, talk preparation	Clinical + lab visits t.b.a. Self study, talk preparation		
	Lab visit Virology Mengji Lu 14:00-15:00						
15:30-16:00	Break						
16:00-17:30	Self study, talk preparation	Clinical + lab visits t.b.a. Self study, talk preparation	Clinical + lab visits 16:00h Urology research lab (Prof. Grünwald) Self study, talk preparation	RKH 16:15 Guided tour: "Folkwang Museum", Open end in Rüttenscheid			

HUST-Tongji / Fudan / Sun Yatsen - Essen Summer Academy 2024 "Infection and Immunity" at University Hospital Essen: Week II

	Mon. 26.8.	Tue. 27.8.	Wed. 28.8.	Thu. 29.8.	Fri. 30.8.	Sat. 31.8.	Sun. 1.9.	
9:00-10:30	Lecture 11 HIV t.b.a. Roland Schwarzer Hannah Schwarzer-Sperber	Lecture 13 Interferon subtypes Kathrin Sutter	Lecture 15 The Yin and Yang of virus replication and immune activation Karl Lang	Clinical visits: 8:00-9:15: trauma surgery? Marcel Dudda or other departments t.b.a. Lecture 17 (Start: 9:45) Molecular Biology of Influenza viruses Melanie Fiedler	Lecture 19 Vaccination of immunocompromised patients Frank Mosel	Departure, travel back to China		
10:30-11:00	Break							
11:00-12:30	Lecture 12 Effector mechanisms of virus specific T cells Gennadiy Zelinsky	Lecture 14 Natural killer cells – friend or foe? Elisabeth Littwitz-Salomon	Lecture 16 CMV and BKV infection in renal transplantation Benjamin Wilde	Lecture 18 Regulatory T cells in viral infections Ulf Dittmer	Lecture 20 Young academics and diversity management at the Medical Faculty, Gender Medicine Vice-Dean Anke Hinney 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 t.b.a.	(13:30h walk/transfer to Villa Hügel) Guided Tour at "Villa Hügel" 15:00h t.b.a.			
15:30-16:00	break							
16:00-17:30	Students' presentations	Students' presentations	Optional: several dinner locations at the Zollverein site	After 16:00h Barbecue party at Gruga Park (barbecue site no.2)	Optional: Dinner at "Restaurant Hügeloss"			