

# HUST-Tongji / Fudan / Sun Yatsen – Essen

Summer Academy 2026

"Infection and Immunity"

27 July - 7 August, 2026

at the University Hospital Essen

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



# Tentative Programme

update 15<sup>th</sup> June, 2026

## HUST-Tongji / Fudan / Sun Yatsen - Essen Summer Academy 2026 "Infection and Immunity" at University Hospital Essen: Week I

	Mon. 27.7.	Tue. 28.7.	Wed. 29.7.	Thu. 30.7.	Fri. 31.7.	Sat. 1.8.	Sun. 2.8.
9:00-10:30	Opening and Introduction Medical Faculty / University Hospital Essen  <b>Mengji Lu</b>	<b>Lecture 2</b> Hepatic innate immunity - friend or foe in viral infections <b>Ruth Bröring</b>	<b>Lecture 4</b> <i>Light sheet microscopy t.b.a.</i>  <b>Anika Grüneboom (Leibniz Institut, ISAS Dortmund)</b>	<b>Lecture 6</b> How cytomegaloviruses fool the immune system — and how we can apply this knowledge towards the development of drugs and vaccines <b>Mirko Trilling und Khanh Le-Trilling</b>	<b>Lecture 8</b> Genetic Vaccines <b>Wibke Bayer</b>  <b>Lecture 9</b> Interplay between Hypoxia and Viral Infections <b>Anna Malyshkina</b>	Morning: Gasometer Oberhausen. Departure time t.b.a. Afternoon: optional leisure programme: climbing at "Tree-to-tree" Oberhausen <a href="http://www.tree2tree.de/de/hochseilgarten/hochseilgarten-oberhausen.html">http://www.tree2tree.de/de/hochseilgarten/hochseilgarten-oberhausen.html</a> Alternatives: shopping center CENTRO Oberhausen; spend the evening at Düsseldorf Altstadt  Full day: Visit "Haus der Geschichte" Bonn, <a href="https://www.hdg.de/en/">https://www.hdg.de/en/</a> Hiking tour Königswinter/Drachenfels <a href="https://www.siebengebirge.com/index.php/wandern?view=article&amp;id=165:der-wanderklassiker-tour-5&amp;catid=1">https://www.siebengebirge.com/index.php/wandern?view=article&amp;id=165:der-wanderklassiker-tour-5&amp;catid=1</a>	
10:30-11:00	Break						
11:00-12:30	<b>Lecture 1</b> Immune control and pathogenesis of hepatitis B virus infection <b>Mengji Lu</b>	<b>Lecture 3</b> Determinants of Hepatitis E Virus replication fitness <b>Maximilian Nocke</b> (workgroup Daniel Todt, Mol. and Med. Virology Bochum)	<b>Lecture 5</b> Tumor Immunology and Immunotherapy <b>Sven Brandau</b>	<b>Lecture 7</b> Antiviral Stewardship in herpesvirus infections <b>Sebastian Voigt</b>	<b>Lecture 10</b> The Yin and Yang of virus replication and immune activation <b>Karl Lang</b>		
12:30-14:00	Lunch Break						
14:00-15:30	University Hospital campus tour	<b>Clinical + lab visits</b> 14:00 Dept. of Gastroenterology <b>Jan Best</b>	<b>Clinical + lab visits</b>  Self study, talk preparation	<b>Clinical + lab visits</b>  Self study, talk preparation	<b>Clinical + lab visits</b>  Self study, talk preparation		
	<b>Lab visit</b> 14:00-15:00 Virology <b>Mengji Lu</b>						
15:30-16:00	Break						
16:00-17:30	Self study, talk preparation	<b>Clinical + lab visits</b>  Self study, talk preparation	<b>Clinical + lab visits</b>  Self study, talk preparation	RKH 16:15 Guided tour: <b>"Folkwang Museum"</b> Open end in Rüttenscheid	Visit Villa Hügel and Hügel Park, Lake Baldeney		

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## HUST-Tongji / Fudan / Sun Yatsen - Essen Summer Academy 2026 "Infection and Immunity" at University Hospital Essen: Week II

	Mon. 3.8.	Tue. 4.8.	Wed. 5.8.	Thu. 6.8.	Fri. 7.8.	Sat. 8.8.	Sun. 9.8.
9:00-10:30	<b>Lecture 11</b> HIV t.b.a. <b>Roland Schwarzer</b>	<b>Lecture 13</b> Interferon subtypes <b>Kathrin Sutter</b>	<b>Lecture 15</b> <i>Molecular Tumor Immunology</i> t.b.a. <b>Annette Paschen</b>	<b>Clinical visits:</b> 8:00-9:45 <b>trauma surgery</b> ??? Prof. Dudda, Dr. Rademacher ??? <b>Lecture 17</b> 10:00h-10:45 <b>t.b.a.</b>	<b>Lecture 19</b> 9:00h-9:45h Molecular Biology of Influenza viruses <b>Melanie Fiedler</b> <b>Lecture 20</b> 10:00h-10:45h Vaccination of immunocompromised patients <b>Frank Mosel</b>	Departure, private travel	
10:30-11:00	Break						
11:00-12:30	<b>Lecture 12</b> Sex-specific differences in immunity and infection <b>Hannah Schwarzer-Sperber</b>	<b>Lecture 14</b> Natural killer cells – friend or foe? <b>Elisabeth Littwitz-Salomon</b>	<b>Lecture 16</b> 11:00h-11:45h Adoptive immune transfer <b>Monika Lindemann</b>  11:45h-12:30h  Self study, lecture preparation for 6./7.8.	<b>Lecture 18</b> Regulatory T cells in viral infections <b>Ulf Dittmer</b>	<b>Lecture 21</b> Young academics at the faculty and international research cooperation in challenging times <b>Ulf Dittmer</b>		
12:30-14:00	Lunch Break				Short break		
14:00-15:30	Students' presentations	Students' presentations	Meeting point: RKH at 13:30h Excursion with guided tour: <b>"Zeche Zollverein"</b> World Cultural Heritage(15:15h)	<b>Clinical + lab visits</b>	Summary and Farewell  14.00h end of the academy		
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.			