

HUST-Tongji / Fudan / Sun Yatsen – Essen

Summer Academy 2015

"Infection and Immunity"

August 3 - 14, 2015

at University Hospital Essen

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



HUST-Tongji / Fudan / Sun Yatsen - Essen Summer Academy 2015 "Infection and Immunity" at University Hospital Essen: Week I

	Mon. 03.08.	Tue. 04.08.	Wed. 05.08.	Thu. 06.08.	Fri. 07.08.	Sat. 08.08.	Sun. 09.08.
9:00-10:30	Opening / M. Lu	Lecture Genetic Vaccines Type I Interferons in viral infections W. Bayer/ K. Gibbert	Lecture Human memory B cells B cell lymphomas R. Küppers/ R. Scholtysik	Lecture The role of the innate immune system in the pathogenesis of chronic viral hepatitis R. Bröring	Lecture Molecular Biology of HIV Innate immunity as an element of the entire immune system M. Widera/ C. Kirschning		
10:30-11:00	Break						
11:00-12:30	Lecture Molecular biology of HBV M. Lu	Lecture Molecular Biology of HCV and Nosocomial Hepatitis C Virus Infections S. Roß	Lecture Molecular Biology of Influenza viruses M. Fiedler	Lecture Emerging problems in clinical microbiology – Bacteriology Adoptive immune transfer J. Steinmann/ M. Lindemann	Lecture Hepatitis B and C and liver transplantation – challenges for the transplant hepatologist Regulation of adaptive immune responses in malaria K. Herzer/ W. Hansen		
12:30-14:00	Lunch Break						
14:00-15:30	Lab visits Zelinsky	Lab visits Bayer	Lab visits Gibbert	Lab visits Bröring	Lab visits Verheyen/Widera Kirschning		
15:30-16:00	Break						
16:00-17:30	Lab visits Lu	Lab visits Gunzer/Squire	Lab visits Küppers/Scholtysik	Lab visits Krawczyk			

HUST-Tongji / Fudan / Sun Yatsen - Essen Summer Academy 2015 "Infection and Immunity" at University Hospital Essen: Week II

	Mon. 10.08.	Tue. 11.08.	Wed. 12.08.	Thu. 13.08.	Fri. 14.08.	Sat. 15.08.	Sun. 16.08.
9:00-10:30	<p>Lecture</p> <p>Effector mechanisms of virus specific T cells</p> <p>Acute liver failure</p> <p>G. Zelinsky/ A. Canbay</p>	<p>Lecture</p> <p>Significance of Tregs in viral infections</p> <p>U. Dittmer</p>	<p>Lecture</p> <p>Medical Mycology</p> <p>Tumor Immunology and Immunotherapy</p> <p>P. Rath / S. Brandau</p>	<p>Lecture</p> <p>Immunopathogenesis of Hepatitis B and D infection</p> <p>M. Roggendorf</p>	<p>Lecture</p> <p>How Cytomegalovirus fool innate immunity</p> <p>Treatment of virus infections – monoclonal antibodies</p> <p>M. Trilling und K. Le/ A. Krawczyk</p>		
10:30-11:00	Break						
11:00-12:30	<p>Lecture</p> <p>Application of proteomics tools for detection of infection associated proteins</p> <p>The Yin and Yang of virus replication and immune activation</p> <p>B. Sitek / K. Lang</p>	<p>Lecture</p> <p>Nanomaterials for vaccine delivery</p> <p>Mechanisms of HIV-1 drug resistance: New insights, new challenges</p> <p>T. Knuschke/ J. Verheyen</p>	<p>Lecture</p> <p>Imaging and migration of myeloid cells in infections</p> <p>D. Engel</p>	<p>Lecture</p> <p>Successful vaccination of non-responders to the conventional HBV vaccine by a new S/ preS1/S2 containing vaccine</p> <p>H. Roggendorf</p>	<p>Lecture</p> <p>Annual Influenza vaccines: The Best we can do?</p> <p>M. Tenbusch</p>		
12:30-14:00	Lunch Break						
14:00-15:30	<p>Lab visits</p> <p>Lang</p>	<p>Lab visits</p> <p>Knuschke/ Trilling</p>	<p>Meeting point: at 13:00</p> <p>Excursion</p>	<p>Students presentation</p>			
15:30-16:00	Break						
16:00-17:30	<p>Vortrag zum Thema "Deutsche Kultur"</p> <p>Prof. LIU Liang, Konfuzius-Institut</p>	<p>Students presentation</p>	<p>Excursion</p>	<p>Students presentation</p>			