

HUST-Tongji / Fudan / Sun Yatsen – Essen

Summer Academy 2014

"Infection and Immunity"

August 4 - 15, 2014

at University Hospital Essen

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



HUST-Tongji / Fudan / Sun Yatsen - Essen Summer Academy 2014 "Infection and Immunity" at University Hospital Essen: Week I

	Mon. 04.08.	Tue. 05.08.	Wed. 06.08.	Thu. 07.08.	Fri. 08.08.	Sat. 09.08.	Sun. 10.08.	
9:00-10:30	Opening / M. Lu	<p>Lecture</p> <p>Negative regulation of T cell function in chronic viral infection</p> <p>Effector mechanisms of virus specific T cells</p> <p>J. Liu/ G. Zelinsky</p>	<p>Lecture</p> <p>Molecular Biology of Influenza viruses</p> <p>HBV Infection and T-cell Response</p> <p>M. Fiedler/ H. Kefalakes</p>	<p>Lecture</p> <p>The role of the innate immune system in the pathogenesis of chronic viral hepatitis</p> <p>Nosocomial Hepatitis C Virus Infections</p> <p>R. Bröring/ S. Roß</p>	<p>Lecture</p> <p>Molecular biology of HCV</p> <p>Innate immunity as an element of the entire immune system</p> <p>A. Walker/ C. Kirschning</p>			
10:30-11:00	Break							
11:00-12:30	<p>Lecture</p> <p>Molecular biology of HBV</p> <p>M. Lu</p>	<p>Lecture</p> <p>Genetic Vaccines</p> <p>Type I Interferons in viral infections</p> <p>W. Bayer/ K. Gibbert</p>	<p>Lecture</p> <p>Human memory B cells</p> <p>B cell immunology</p> <p>R. Küppers/ R. Scholtysik</p>	<p>Lecture</p> <p>Current and future therapy of hepatitis B and C</p> <p>Adoptive immune transfer</p> <p>C. Jochum/ M. Lindemann</p>	<p>Lecture</p> <p>Role of deregulated non-malignant T cells in the pathogenesis of B cell chronic lymphocytic leukemia</p> <p>NK cells in HCV infection</p> <p>J. Dürig/ C. Thöns</p>			
12:30-14:00	Lunch Break							
14:00-15:30	Lab visits Dietze	Lab visits Timm	Lab visits Lu	Lab visits Knuschke	Lab visits			
15:30-16:00	Break							
16:00-17:30	Lab visits Gibbert	Lab visits	Lab visits Schneider Tucci/ Küppers	Lab visits Bröring				

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	Mon. 11.08.	Tue. 12.08.	Wed. 13.08.	Thu. 14.08.	Fri. 15.08.	Sat. 16.08.	Sun. 17.08.
9:00-10:30	Lecture Immunopathogenesis of Hepatitis B and D infection M. Roggendorf	Lecture Significance of Tregs in viral infections CMV prophylaxis in solid organ transplantation U. Dittmer/ O. Witzke	Lecture Emerging problems in clinical microbiology – Bacteriology Tumor Immunology and Immunotherapy J. Steinmann/ S. Brandau	Lecture Management of virus hepatitis after liver transplantation K. Herzer	Lecture How Cytomegalovirus fool innate immunity M. Trilling und K. Le		
10:30-11:00	Break						
11:00-12:30	Lecture Successful vaccination of non-responders to the conventional HBV vaccine by a new S/ preS1/S2 containing vaccine H. Roggendorf	Lecture Nanomaterials for vaccine delivery Glycobiology and infectious diseases T. Knuschke/ J. Hu	Lecture Investigation of Neutrophil function by a combination of innovative imaging and novel animal models M. Gunzer	Lecture Application of proteomics tools for detection of infection associated proteins The Ying and Yang of virus replication and immune activation B. Sitek / K. Lang	Lecture Grand Challenges in HIV vaccine development K. Überla		
12:30-14:00	Lunch Break						
14:00-15:30	Lab visits Bayer	Lab visits Kirschning	Lab visits Brandau	Students presentation	Students presentation		
15:30-16:00	Break						
16:00-17:30	Vortrag zum Thema "Deutsche Kultur" Prof. Xu, Konfuzius-Institut	Students presentation	Excursion	Students presentation	Fairwell party		