



中德跨学科重大合作项目 German-Chinese Transregio TRR60

持续性病毒感染中病毒与免疫细胞的相互作用 从基础研究到免疫治疗与预防策略

Mutual interaction of chronic viruses with cells of the immune system: from fundamental research to immunotherapy and vaccination

Essen/Bochum/Wuhan/Shanghai

4th TRR60 Annual Workshop - Bochum

24-28 September 2014

Programme

Venue: Ruhr University Bochum

Organizers: Ulf Dittmer
Institute for Virology
University of Duisburg-Essen/Germany

Dongliang Yang
Huazhong University of Science and Technology
Wuhan/China

Local organizer: Klaus Überla
Department of Molecular and Medical Virology
Ruhr University Bochum / Germany

RUB



Day 1 – Thursday, 25th September 2014 – Bochum 波鸿

For our participants from China:

8:15h meeting in the lobby of IBIS Hotel, transfer from IBIS Hotel to Ruhr University Bochum.

For all other participants:

We meet directly at Ruhr University Bochum, Building MA BF, seminar room 2, Level 01.

Programme

9:00 15 min. 15 min. 5 min. 5 min.	Welcome addresses:		Building MA BF, Seminar room 2, Level 01	
		<ul style="list-style-type: none"> • Ulf Dittmer (TRR60 Coordinator Germany) • Dongliang Yang (TRR60 Coordinator China) • Klaus Überla (local organizer) • Prof. Gerlich (TRR60 Advisory Board) 		
	TRR60 Progress Reports		PI	chair
9:45	A1	The interplay between Toll-like receptors, interferons and hepatitis B virus	Zhenghong Yuan Youhua Xie	Prof. Gerlich
10:15	A2	The impact of hepatitis C virus on human B cells and its role in B cell lymphoproliferative disorders	Ralf Küppers Jan Dürig	
10:45	A7N	Viral exploitation of DDB1 as strategy to impede innate immunity	Mirko Trilling Khanh Le	
11:15	coffee break			
11:30	A8N	Hepatitis C virus-induced pro-inflammatory network and host antiviral innate immune response	Ying Zhu	Youhua Xie
12:00	A9N	The role of MAPK and MITA/IFN signal pathways in Hepatitis C Virus infection	(Xinwen Chen) Rongjuan Pei (postdoc)	
12:30	B1	Mechanisms of HCV evolution – Impact of HCV sequence diversity on the immune response	JörgTimm Daniel Hoffmann	
13:00	Lunch break		all, Q-West	
14:00	B3	Viral and immunological determinants of the progression to chronicity in hepadnaviral infection	Dongliang Yang Baoju Wang	Ying Zhu
14:30	B4	Virus-induced regulatory T cells in retroviral infection: new targets for immunotherapy of chronic infectious diseases	Ulf Dittmer Matthias Gunzer Wibke Bayer	
15:00	B5	PRRs (TLR2 and -13 ligands) modulate specific T cell responses to hepatitis B virus (HBV) and sense HBV infection	Mengji Lu Carsten Kirschning	Wibke Bayer
15:30	B6	Immunogenicity of recombinant interclade HIV isolates from China and genetically engineered HIV gp120 glycosylation variants	Rongge Yang	
16:00	discussion		all	
16:30	end of afternoon session, walk to RUB canteen			
16:45	Buffet dinner		all, RUB canteen (Mensa)	

Evening Programme: All participants from China and registered participants (45 persons):

18:00	Bus transfer to musical theater, (please leave your car at the RUB parking lot !)
19:15	Special TRR60 photo session with the Musical Stars
20:00	Cultural programme: Musical "Starlight Express"
22:30	End of the show, bus transfer via Bochum main station – IBIS Hotel - back to RUB parking lot

Day 2 – Friday, 26th September 2014 – Bochum 波鸿

For our participants from China:

8:15h meeting in the lobby of IBIS Hotel, transfer from IBIS Hotel to Ruhr University Bochum.

For all other participants:

We meet directly at Ruhr University Bochum, Building MA BF, seminar room 2, Level 01.

Programme

9:00	Welcome and summary from day 1		Ulf Dittmer	Building MA BF, Seminar room 2, Level 01
9:15	Keynote talk: Nef proteins of epidemic HIV-1 O strains are effective antagonists of human tetherin		Prof. Dr. Frank Kirchhoff, Institute for Molecular Virology, University of Ulm (TRR60 Advisory Board)	chair: Ulf Dittmer
TRR60 Progress Reports			PI	chair
9:45	B8N	The role of inhibitory receptors and their ligands in CTL immune escape and the establishment of chronic virus infection	Gennadiy Zelinskyy	Xin Zheng
10:15	C1	Development and testing of nanoparticle-based vaccines to overcome chronic infections	Matthias Epple Jan Buer Astrid Westendorf	
10:45	C2	Enhancement of HIV Env specific antibody responses by intrastructural help from heterologous T helper cells	Klaus Überla	
11:15	coffee break			
11:30	C5N	Using flagellin adjuvant based activation of two independent PRR signaling pathways to improve therapeutic anti-viral vaccines	Huimin Yan	Carsten Kirschning
12:00	C6N	Enforced virus replication as a mechanism for immune activation during virus infection: Relevance for virus persistence and vaccination strategies	Karl Lang	
12:30	C7N	Regulation of Pattern Recognition Receptor (PRR) ligands induced immune responses as a novel therapeutic strategy for chronic hepatitis B	Xin Zheng Jun Wu Yang Xu	
13:00	discussion		all	
13:30	Lunch break		all, Q-West	
14:30	Keynote talk: Novel insights into success and failure of HBV- and HCV- specific CD8+ T cells		Prof. Dr. Robert Thimme, University Hospital Freiburg, (TRR60 Advisory Board)	Chair: Ulf Dittmer
15:00	Z3	Quantitative and functional analyses of proteome alterations during chronic viral infections	Barbara Sitek Ruth Bröring	Mirko Trilling
15:30	AP3N Junior Group	Antiviral activity of different Interferon- α subtypes during chronic viral infections	Ulf Dittmer (due to absence Kathrin Gibbert)	
15:40	A1	New approaches to inhibiting HBV infection	Youhua Xie	
15:50	closing discussion		all	Ulf Dittmer
group photo			all !!!	
directly after the session: visit of the Proteom Center, guided by Barbara Sitek, Dominik Megger and Thilo Bracht			for all who are interested	
until 18:30	Spare time: walk in Botanical Garden recommended			
18:30	Farewell dinner (open end)		all meet at Beach Bar AKAFÖ (see map: "Schirmbar")	

For our participants from China: After dinner: public transport (U-35) back to IBIS Hotel

Day 3 – Saturday, 27th September 2014 – Essen 埃森

TRR60 Student Workshop

in the frame of



中国留德生命科学和生物技术学会
The Chinese Association for Life Science and Biotechnology in Germany

Annual Conference

For our participants from China:

7:45h meeting in the lobby of IBIS Hotel, taxi transfer from IBIS Hotel to Essen University Hospital, RKH.

For all other participants:

We meet directly at University Hospital Essen, RKH, seminar room 0.38

Programme

University Hospital Essen, Robert-Koch-Haus, seminar room 0.38

8:30 – 8:45		Welcome addresses Mengji Lu, Ulf Dittmer	Participation of all TRR60 participants is appreciated The session is mandatory for all TRR60 doctoral students !	
8:45 – 9:15		Avian influenza: clinical syndromes <i>based</i> active surveillance system and control of human infected H7N9 virus	Prof. Dr. Zhenghong Yuan, Vice Dean of Shanghai Medical College, Fudan University Shanghai (PI TRR60 project A1)	chair: Mengji Lu
	TRR60 Project No.	Presentations by TRR60 PhD students and postdocs		chair
9:15	A2	The impact of hepatitis C virus on human B cells and its role in B cell lymphoproliferative disorders	Dr. Felicia Tucci	Dongliang Yang
9:30	A7N	Analysis of Viral DDB1-interacting Proteins by Transcomplementation	Meike Rückborn	
9:45	B1	SeqFeatR - A tool to associate sequences and features	Bettina Budeus	
10:00	B4	CD137 agonist therapy can convert regulatory T cells into cytotoxic CD4+ T cells with antitumor activity	Dr. Ilseyar Akhmetzyanova	
10:15	B4	Combining regulatory T cell depletion and inhibitory receptor blockade improves reactivation of exhausted virus-specific CD8+ T cells and efficiently reduces chronic retroviral loads	Dr. Kirsten Dietze	
10:30	B5	New therapeutic vaccination strategies for the treatment of chronic hepatitis B	Dr. Jia Liu	
10:45 - 11:15		Coffee break		

11:15	B8N	Expansion of dendritic cells and myeloid derived suppressor cells during acute FV infection	Malgorzata Drabczyk	Karl Lang
11:30	C1	Flagellin-functionalized calcium phosphate nanoparticles effectively activate innate immune response in vitro and in vivo	Olga Rotan	
11:45	C1	Prophylactic Immunization with Functionalized Calcium Phosphate Nanoparticles Induces Efficient Cellular Immunity Against Influenza Virus Infection	Dr. Torben Knuschke	
12:00	C2	Calcium phosphate nanoparticles (CaP) as a B-cell targeting antigen delivery system	Dr. Vladimir Temchura	
12:15	C6N	Two separate mechanisms of enforced virus replication balance innate and adaptive immune activation and determine outcome of virus infection	Vishal Khairnar	
12:30	Z3	Quantitative analyses of proteomic alterations induced by Nedd8-activating enzyme (NAE) inhibitor MLN-4924	Dr. Dominik Megger	
12:45	AP3N	Regulatory T cells suppress effector NK cell responses during an acute retroviral infection by consumption of IL-2	Elisabeth Littwitz	
13:00-13:45	lunch break – end of TRR60 student workshop			

13:45	Afternoon session GCLB Annual Meeting programme t.b.a. by GCLB		all who are interested
	<i>Scientific talks ***</i>		
18:00	End of the TRR60 workshop		
	transfer/walk to dinner location		
18:30	Buffet dinner at “China Haus” Rüttenscheider Str. 112 45131 Essen		all participants

For our participants from China:

taxi transfer to IBIS Hotel Bochum after dinner (21:00h)

***** For the afternoon session of the GCLB Annual Meeting the following talks of TRR60 PIs are scheduled:**

Bioinformatics goes viral	Daniel Hoffmann
The role of IFN α subtypes in antiviral immunity	Ulf Dittmer
Inorganic nanoparticles for gene therapy, immunization, and drug delivery	Matthias Epple

Departure Day– Sunday, 28th September 2014 – Essen 埃森

For our TRR60 participants from China:

Check-out and taxi transfer from IBIS Hotel to Essen University Hospital, RKH,

time: t.b.a.

Please take the luggage with you to Essen !

Free participation in Day 2 of the GCLB conference or tourism etc.

For all other participants:

free participation in Day 2 of the GCLB conference

Programme

t.b.a. by



中国留德生命科学和生物技术学会
The Chinese Association for Life Science and Biotechnology in Germany

Organizer: Mengji Lu

For our TRR60 participants from China:

Meeting Point:

University Hospital, Institute for Virology, in the lobby of Robert- Koch- Haus !!!

17:15h: taxi transfer to Airport Düsseldorf from Robert-Koch-Haus
(for flight CA964 DUS-PEK, 20:05h).