



7th Annual Meeting

PhD Graduate Course GRK 1045

19th -21st September 2011

Hotel Antoniushütte

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Programme Annual Meeting 19 – 21 September 2011

Monday 19 September 2011

10h00 – 10h15	Welcoming address	Ulf Dittmer
Project reports. Chaired by Mengji Lu		
10h15 – 10h35	Bianca Hoffmann	Analysis of Ribonucleoprotein (RNP) complexes associated to HIV-1 unspliced RNA
10h35 – 10h55	Sanaz Spitzley	Interference of HCV with Akt and ACK1 dependent signal transmission
10h55 – 11h15	Maren Lipskoch	t.b.a.
11h15 – 11h30	BREAK	
11h30 – 12h15	Keynote speaker: Stefan Pöhlmann (Department of Infection Biology, Göttingen)	Host cell proteases as novel therapeutic targets in influenza and SARS-coronavirus infection
12h15 – 12h30	DISCUSSION	
12h30 – 14h00	LUNCH	
14h00 – 14h15	Introduction of new PhD students	
Project reports. Chaired by Harald Engler		
14h15 – 14h35	Stefanie Schneider	B-cells in post-transplant patients
14h35 – 14h55	Martin Knüwer	Generation of transgenic mice for the investigation of sphingolipid metabolism during P.aeruginosa infection and tumor growth
14h55 – 15h15	Pedrina Vidigal	Phenotypic profiles and molecular characterization of Stenotrophomonas maltophilia and Pseudallescheria / Scedosporium spp. from patients with cystic fibrosis
15h15 – 15h45	BREAK	
Project reports. Chaired by Matthias Tenbusch		
15h45 – 16h05	Nora Manzke	Functional characterization of CD4+ T cell sub-populations during retroviral infection
16h05 – 16h25	Marianne Ruhl	Adaptation of HCV to CD8 ⁺ T-cell immune pressure
16h25 – 16h45	Janine Duppach	Heterologous immune responses during an acute MCMV infection in persistently retrovirus infected mice
16h45 – 17h05	Kathrin Skibbe	Analysis of the CD8+ T-cell response against HCV in intravenous drug users
17h05 – 17h15	BREAK	
Project reports. Chaired by Anke Kraft		
17h15 – 17h35	Torben Knuschke	Calcium phosphate nanoparticles for the activation of host immunity against a viral antigen
17h35 – 17h55	Damian Odimegwu	Protective mechanisms in early life after maternal vaccination
18h30	DINNER	
after dinner	Internal meeting of supervisors	



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Tuesday 20 September 2011

<i>Project reports. Chaired by Astrid Westendorf</i>		
9h00 – 9h20	Olena Brovko	WHV envelope fragments presented on WHc-Capsid-like particles as preventive and therapeutic vaccines
9h20 – 9h40	Stephanie Martin	Improvement of T cell vaccine for Hepatitis delta virus
9h40 – 10h00	Sandra Nitsche	Developing of an virus-like partikel vaccination based on the respiratory syncytial virus
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10h00 – 10h45	Keynote speaker: Ingo Drexler (Department of Virology, Düsseldorf)	T cell responses against MVA-delivered antigens
10h45 – 11h00	DISCUSSION	
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11h00 – 11h30	<i>BREAK</i>	
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<i>Project reports. Chaired by Thomas Grunwald</i>		
11h30 – 11h50	Reda Rawi	Evolutionary design of miniproteins
11h50 – 12h10	Simone Bischof	Selection of CCR5-binding peptides with Ribosome Display
12h10 – 12h30	Zhiyong Ma	TLR2 ligands as immunomodulators an therapeutics for chronic HBV infection
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12h30 – 14h00	<i>LUNCH</i>	
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14h00 – 14h45	Keynote speaker: Helmut Fickenscher (Department of Infectious Diseases, Kiel)	Rhadinovirus vector development
14h45 – 15h00	DISCUSSION	
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15h00 – 16h00	Students meet 2nd supervisors	
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Free afternoon		
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18h30	<i>DINNER</i>	
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20h00 – 21h00	Debate with keynote speakers	<i>students shall split up into 3 groups</i>



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Wednesday 21 September 2011

Project reports. Chaired by Carsten Kirschning

9h00 – 9h20	Elisabeth Kravets	Biochemical characterization of the murine guanylate-binding-protein mGBP2
9h20 – 9h40	Sarah Lahme	Characterization of the murine guanylate-binding protein 5 mGBP5
9h40 – 10h00	Sina Molléus	Influence of TLR ligation on catecholaminergic gene expression in immune cells
10h00 – 10h20	Katrin Schöneweis	Inhibition of hepadnaviral replication by siRNA silencing in chronic WHV-infected woodchucks
10h20 – 10h40	Wanyu Deng	The antiviral function of Interferon stimulated genes and their contribution to control hepatitis B virus replication.
10h40 – 11h00	BREAK	

Project reports. Chaired by Wiebke Hansen

11h00 – 11h20	Kathrin Gibbert	Interferon alpha subtype 11 selectively activates NK cells to enable control of retroviral infection
11h20 – 11h40	Anna Sigmund	TLR signal mediation towards oxidative burst
11h40 – 12h00	Anne Krüger	Characterization of antibacterial activities of macrophages and natural killer cells
12h00 – 12h20	Marco Maywald	HCMV cDNA library generation to set up a screening for viral IFN-gamma antagonists
12h20 – 12h40	Sebastian Howe	Probing into cytomegaloviral exploitation of the proteasome in dismantling innate and intrinsic immunity
12h40 – 14h00	LUNCH	

Project reports. Chaired by Stefanie Flohé

14h00 – 14h20	Jara Joedicke	Influence of distinct interferon alpha subtypes on regulatory T cells in retroviral infection
14h20 – 14h50	Nils Hagen Jost	Characterization and modulation of regulatory T-cells during mCMV infections
14h50 – 15h10	Thomas Niezold	DNA vaccines encoding DEC205-targeted antigens: Immunity or Tolerance
15h10 – 15h25	Closing Speech	Ulf Dittmer
15h30	Departure	

- The programme is subject to change -