

## Transregio SFB-TR 84

### Innate Immunity of the Lung: Mechanisms of Pathogen Attack and Host Defence in Pneumonia

Retreat Burg Warberg 31.5.-02.06.2017



Date	Time	Speaker	Title	Site*	min
We May 31	12:00	Lunch	and check in	SS	90
	13:30	Suttorp	Welcome	GS	5
	13:35	Opitz / Diefenbach	A1 Regulation of antibacterial defence in the lung by the alarmin IL-33		25+15
	14:15	Wygrecka / Kübler	A2 Effects of Factor XII in lung inflammation and immunity		25+15
	14:55	Coffee break			35
	15:30	Pillich / Chakraborty	A4 Pathophysiological host-pathogen crosstalk of Streptococcus pneumoniae at lung barrier interfaces	GS	25+15
	16:10	Opitz /Chaput / Heimesaat	A5 Cross-talk of antimicrobial therapy, microbiota and innate immunity in pneumonia		25+15
	16:50	Coffee break			35
	17:25	Kummer / Diefenbach	A6 Pathogen recognition by taste and odorant receptors and coupling to BALT formation and epithelial remodeling	GS	25+15
	18:05	Drosten / Hippenstiel	A7-N Modulation of infection and defense by MERS-coronavirus protein 4b		25+15
	18:45	Dinner		SS	60
	19:45	Steering Board Meeting		SZ	60
	Thu, Jun 01	8:30	Sander / Schulte	A8-N Long non-coding RNAs in vita-PAMP triggered pulmonary defense against live bacteria	GS
9:10		Peteranderl / Pleschka / Wolff	B2 Modulating epithelial integrity of influenza virus-infected cells: Implications for novel therapeutic approaches		25+15
9:50		Coffee break			30
10:20		Hackstein / Bauer	B3 Development and function of respiratory macrophages and dendritic cells in emerging bacterial pneumonia	GS	25+15
11:00		Meisel A / Meisel C / Kummer	B5 Paralysis of mucociliary clearance after cerebral ischemia by neurohumoral mechanisms		25+15
11:40		Coffee break			30
12:10		Hocke / Hippenstiel / Antelmann	B6 Bacterial acidification as a new virulence mechanism for immune activation and barrier failure via mitochondrial dysfunction	GS	25+15
12:50		Hain / Mall	B7-N Therapeutic targeting of airway dysbiosis in mice with cystic fibrosis-like lung disease		25+15
13:30		Lunch		SS	120

Date	Time	Speaker	Title	Site*	min	
	15:30	Herold / Triantafyllopoulou	B8-N Regulation of macrophage reprogramming and functional specification in pneumonia		25+15	
	16:10	Schmeck/ Marsico	C1 RNA-mediated regulatory networks in Legionella pneumophila pneumonia		25+15	
	16:50	Coffee break				30
	17:20	Witzenrath / Weissmann	C6 Reducing lung injury in severe pneumonia by means of Tie-2 agonism	GS	25+15	
	18:00	Fischer / Müller-Redetzky	C7 Host extracellular nucleic acids as DAMPs in severe pneumococcal pneumonia: Pathogenetic mechanisms and therapeutic approaches in combination with adrenomedullin		25+15	
	18:40	Dinner			SS	60
	19:40	Steering Board Meeting			SZ	120
Fri Jun 02	8:30	Seeberger / Sander	C8 Novel glyco-conjugate vaccine strategies against bacterial pneumonia	GS	25+15	
	9:10	Kübler / Suttorp / Witzenrath	C9-N Role of cystic fibrosis transmembrane conductance regulator and its downstream signaling in lung endothelial barrier failure in pneumonia		25+15	
	9:50	Coffee break				30
	10:20	Hocke	Z1a High-end microscopy and digital image analysis in cellular microbiology of the lung	GS	20+15	
	10:55	Gruber	Z1b Experimental histopathology, advanced histomorphometrical digital image analysis, molecular pathology and tissue banking		20+15	
	11:30	Steering Board Meeting				60
	12:30	Lunch			SS	90
	13:45	Departure				

Venue + Lodging: Burg Warberg, An der Burg 3, 38378 Warberg  
<https://burg-warberg.de/cms/hotel/>



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 GS: Großer Saal  
 SZ: Sitzg.zimmer  
 SS: Speisesaal

Registration: Login: [www.sfb-tr84.de/retreat.html](http://www.sfb-tr84.de/retreat.html)

Deadlines: 12.05.2017

Travel	Datum	Bahnhof	Zeit	Gleis	Zug	Bahnhof	Zeit	Gleis	Zug
Hinfahrt Mi, 31.05.2017		Berlin Hbf (tief)	ab 09:24	6	ICE 597	Gießen	ab 08:04	2	RE 4152
		Braunschweig Hbf	an 10:56			Kassel-Wilhelmshöhe	ab 09:43	3	ICE 694
		Bus Shuttle	ab 11:15		Braunschweig-Warberg	Braunschweig Hbf	an 10:57	7	
Rückfahrt Fr, 02.06.2017		Bus Shuttle	ab 13:45		Warberg-Braunschweig	Braunschweig Hbf	ab 14:58	6	ICE 691
		Braunschweig Hbf	ab 14:59	7	ICE 690	Kassel-Wilhelmshöhe	ab 16:29	7	RE 4163
		Berlin Hbf (tief)	an 17:40			Gießen	an 17:51	3	

