

Day 1 | Wednesday, February 22, 2017

13:00 - 13:20		Welcome	N27, Research Building, Ulm University
13:20 - 15:00		Session title: Acute danger response 1	Session 1
		Chairs	
13:20	K 1	Keynote 1 <i>T. Mollnes (Oslo, Norway):</i> The complement bridge between experiment and clinic	
13:50	SFB 1	<i>M. Huber-Lang (Ulm)</i>	
14:05	Ext 1	A1: Early barrier dysfunction after polytrauma <i>D. Rittirsch (Zurich, Switzerland)</i> Keys to open the barrier during inflammation	
14:25	SFB 2	<i>T. Böckers (Ulm)</i> A2: Modulation of synaptic plasticity after trauma	
14:40	Ext 2	<i>M. Mägele (Köln)</i> Crosstalk of coagulation and traumatic brain injury	
15:00 - 15:30		Coffee and snacks	Foyer N27
15:30 - 17:25		Session title: Acute danger response 2	Session 2
		Chairs	
15:30	K 2	Keynote 2 <i>R. Leferring (Köln/WH):</i> Big data analysis using the DGU Polytrauma registry	
16:00	SFB 3	<i>Th. Wirth (Ulm)</i> A3: Consequences of cell-type-specific NF-κB modulation after traumatic brain injury	
16:15	Ext 3	<i>M. Bauer (Jena)</i> Organ-specific molecular profiling after trauma and sepsis	
16:35	SFB 4	<i>H. Barth (Ulm)</i> A4: Novel tools for targeted pharmacological modulation of trauma-associated functions in monocytes/macrophages	
16:50	Ext 4	<i>M. van Griensven (München)</i> Micro-RNAs regulate the posttraumatic immune response	
17:10	SFB 5	<i>M. Frick (Ulm)</i> A5: Cellular and molecular responses to trauma-induced damage of the distal respiratory epithelium	
17:25		End of scientific program	
18:00 - 20:00		Welcome evening	Foyer N27

Day 2 | Thursday, February 23, 2017

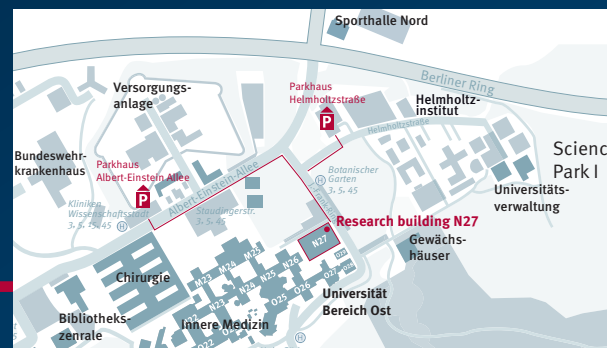
		N27, Research Building, Ulm University	
09:00 - 10:40		Session title: Acute danger response 3	Session 3
		Chairs	
09:00	K 3	Keynote 3 <i>J.-M. Cavaillon (Paris, France)</i> Compartmentalization of the inflammatory response	
09:30	SFB 6	<i>S. Paschke (Ulm)</i> A6: Neutrophil extravasation and migration towards the site of injury	
09:45	Ext 5	<i>P. Kämpers (Münster)</i> Glycocalix and neutrophil changes during systemic inflammation	
10:05	SFB 7	<i>G. Strauß (Ulm)</i> A7: Role of myeloid-derived suppressor cells (MDSCs) in trauma	
10:20	Ext 6	<i>F. Hildebrand (Aachen)</i> Validation of standard therapeutic management in pig polytrauma	
10:40 - 11:10		Coffee and snacks	Foyer N27
11:10 - 12:30		Session title: Comorbidities 1	Session 4
		Chairs	
11:10	K 4	Keynote 4 <i>P. Pickkers (Nijmegen, Netherlands)</i> Hyp(er)oxia or hypothermia and inflammation	
11:40	SFB 8	<i>P. Radermacher (Ulm)</i> B3: Hyperoxia after haemorrhagic shock with pre-existing atherosclerosis	
11:55	Ext 6	<i>P. Asfar (Angers, France)</i> Hyperoxia for the early treatment of septic shock	
12:15	SFB 9	<i>P. Radermacher (Ulm)</i> B2: H2S-related modulation of the trauma response in nicotine-caused COPD	
12:30 - 13:30		Lunch	Foyer N27
13:30 - 14:50		Session title: Comorbidities 2	Session 5
		Chairs	
13:30	K 5	Keynote 5 <i>E. Fontaine (Grenoble, France)</i> Trauma and inflammation: should we target the mitochondrium?	
14:00	SFB 10	<i>U. Knippschild (Ulm)</i> B4: Role of severe obesity in healing of muscle injuries	
14:15	Ext 7	<i>B. Relja (Frankfurt)</i> Role of ethanol in liver function after trauma	
14:35	SFB 11	<i>F. Roselli (Ulm)</i> B5: Ethanol intoxication as relevant comorbidity in traumatic brain injury	
14:50 - 15:15		Coffee and snacks	Foyer N27

15:15 - 16:50		Session title: Regeneration 1	Session 6
		Chairs	
15:15	K 6	Keynote 6 <i>Ch. Hartmann (Münster)</i> Wnt signaling in bone regeneration	
15:45	SFB 12	<i>A. Ignatius (Ulm)</i> C1: Mechanisms of IL-6 action in trauma-induced impairment of bone regeneration	
16:00	SFB 13	<i>J. Tuckermann (Ulm)</i> C2: Molecular mechanisms of glucocorticoid action during fracture healing after trauma	
16:15	Ext 8	<i>A. Dudeck (Magdeburg)</i> Role of mast cells in rhematoid arthritis and fracture healing	
16:35	SFB 14	<i>G. Weidinger (Ulm)</i> C3: Trauma-induced signals promoting osteoblast plasticity in the zebrafish fin	
16:50 - 17:10		Coffee	Foyer N27
17:10 - 18:45		Session title: Regeneration 2	Session 7
		Chairs	
17:10	K 7	Keynote 7 <i>S. Di Giovanni (London, UK)</i> Molecular mechanisms of axonal regeneration	
17:40	SFB 15	<i>H.Geiger (Ulm)</i> C4: The role of stem cell circulation in trauma	
17:55	Ext 9	<i>H. Nawabi (Grenoble, France)</i> From development to repair	
18:15	SFB 16	<i>K. Scharffetter-Kochanek (Ulm)</i> C5: Role of ABCB5+ MSCs in niche homoeostasis and repair after trauma	
18:30	SFB 17	<i>B. Knöll (Ulm)</i> C6: The impact of traumatic brain injury on neuronal integrity and nerve regeneration	
18:45		End of scientific program	
20:15		Conference Dinner	Wiley Club, Neu-Ulm

Day 3 | Friday, February 24, 2017

N27, Research Building, Ulm University

9:00 - 10:20	Session title: From bench to bedside: Clinical implications	Session 8
	Chairs	
09:00 K 8	Keynote 8 <i>F. Gebhard (Ulm)</i> MiS in Traumacare	
09:20 K 9	Keynote 9 <i>E. Giamarellou-Bourboulis (Athens, Greece)</i> Sepsis - new definitions - new concepts	
09:40 K 10	Keynote 10 <i>L. P. Leenen (Utrecht, Netherlands)</i> Polytrauma – Inflammation modulation	
10:00 K 11	Keynote 11 <i>H. Redl (Vienna, Austria)</i> Human derived cells and biomaterials	
10:20 - 10:30	Coffee	Foyer N27
10:30 - 11:30	Round table: Impulse discussion	
10:30 - 10:40	<i>C. Krettek (Hannover)</i> Quo vadis trauma research Panel <i>F. Gebhard, T. Wirth, L. P. Leenen, H. Redl, E. Giamarellou-Bourboulis, C. Krettek, M. Huber-Lang</i>	
11:30	Closing remarks	
11:45	Small lunch	Foyer N27



International Symposium CRC 1149

22. - 24|02|2017

Venue

Meeting and welcome evening:
University of Ulm
Research building N27
Multimediaroom
James Franck Ring/Meyerhofstraße
89081 Ulm/Donau

Conference dinner:
Wiley Club
Wiley-Straße 4
89231 Neu-Ulm
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