

Programme

Thursday March 3, 2016	12:00 – 18:00	Arrival and registration	Friday March 4, 2016	13:00 – 14:00	Lunch break
	13:50 – 14:00	Welcome address		14:00 – 15:30	Poster session 2 (odd numbers)
	Session 1	The cell-matrix continuum: physiology and pathology		Session 5	Musculoskeletal biology
		Chair: Reinhard Fässler			Chair: Mats Paulsson
	14:00 – 14:25	<i>Syndecans and their conserved roles in adhesion and migration</i> John Couchman, Copenhagen		15:30 – 15:55	<i>The impact of bone on whole organism physiology</i> Gerard Karsenty, New York
	14:25 – 14:50	<i>Mechanical response for a tense situation between cells and ECM</i> Corinne Albiges-Rizo, Grenoble		15:55 – 16:20	<i>Impaired adhesion to the stem cell niche ECM affects the regenerative capacity of aged skeletal muscle</i> Florian Bentzinger, Lausanne
	14:50 – 15:05	<i>Contributions of cell-matrix-interactions to the functional integrity of the neurovascular unit</i> Jula Huppert, Münster		16:20 – 16:35	<i>The vital link between the ECM and skeletal muscle in muscular dystrophies</i> Sebahattin Cirak, Cologne
	15:05 – 15:20	<i>Tenascin-X regulates TGF-β signaling and activity in vivo</i> Ulrich Valcourt, Lyon		16:35 – 17:35	Young investigator award session
	15:20 – 15:35	<i>Fibroblast secretion of TGFβ1 is executed by secretory autophagy</i> Beate Eckes, Cologne			<i>Receptor syndecan-1 plays a pivotal role in MMP-9 expression during keratinocyte migration</i> Anna Michopoulou, Lyon
	15:35 – 16:05	Coffee break			<i>Integrin-linked kinase regulates the niche of quiescent epidermal stem cells</i> Jessica Morgner, Utrecht
	Session 2	Systems biology of the ECM			<i>Structural decoding of netrin-1 and -4 with their interaction partners and their implication in cancers</i> Raphael Reuten, Cologne
		Chair: David Hulmes		17:45 – 18:30	Business Meetings of DGMB & SFBMEc
	16:05 – 16:30	<i>Matrix metalloproteinase degradomics at the epidermal-dermal interface</i> Ulrich auf dem Keller, Zurich		19:30	Conference dinner
16:30 – 16:55	<i>Interaction networks of the beta-amyloid peptide: new insights into the role of the ECM in Alzheimer's disease</i> Sylvie Ricard-Blum, Lyon	<hr/>			
16:55 – 17:20	<i>Role of secreted kinases in the extracellular environment</i> Mattia Bordoli, Boston	Saturday	Session 6	Translational approaches: from bench to bedside	
17:20 – 17:35	<i>High-throughput phosphoproteomics for analysis of the signaling landscape of fibroblast rigidity sensing</i> Herbert Schiller, Munich	March 5,		Chair: Cristina Has	
17:35 – 17:50	<i>Slow muscle precursors lay down a collagen XV matrix fingerprint to guide motor axon navigation</i> Florence Ruggiero, Lyon	2016	09:00 – 09:25	<i>Elastin peptides and elastin receptor complex: innovative prognostics markers and therapeutical targets?</i> Laurent Duca, Reims	
FRIAS lecture	Chair: Jörn Dengjel		09:25 – 09:50	<i>Autotaxin inhibition decreases inflammation and fibrosis in experimental models of crescentic glomerulonephritis and chronic allograft nephropathy</i> Marco Prunotto, Basel	
18:00 – 19:00	<i>Novel proteoglycan functions in controlling autophagy</i> Renato Iozzo, Philadelphia		09:50 – 10:05	<i>Chemical chaperones are potential therapeutic agents for ER stress related skeletal diseases</i> Yvonne Knieper, Münster	
19:00	Welcome reception & poster session 1 (even numbers)		10:05 – 10:20	<i>Interference with angiotensin II receptor signaling improves disease symptoms in dystrophic epidermolysis bullosa</i> Alexander Nyström, Freiburg	
Friday March 4, 2016	Session 3	Inflammation and fibrosis		10:20 – 10:45	Coffee break
		Chair: Sabine Werner	Session 7	Basement membranes and kidney function	
	09:00 – 09:25	<i>Type 2 immunity regulates ECM architecture</i> Sabine Eming, Cologne	CRC/SFB 1140	Chair: Tobias Huber	
	09:25 – 09:50	<i>Ang-2 / endosialin in liver fibrosis</i> Hellmut Augustin, Heidelberg	10:45 – 11:10	<i>Diseases of the kidney glomerular basement membrane</i> Jeff Miner, St Louis	
	09:50 – 10:15	<i>Regulatory roles of the ECM in angiogenesis</i> Stéphane Germain, Paris	11:10 – 11:35	<i>New insights into the specific requirements of cell-cell and cell-matrix interactions at the kidney filter barrier</i> Tobias Huber, Freiburg	
	10:15 – 10:30	<i>ECM – immune system crosstalk in collagen IX-deficient mice</i> Kristina Probst, Cologne	11:35 – 12:00	<i>New, unexpected mediators of renal glomerular disease</i> Christos Chatzantoniou, Paris	
	10:30 – 11:00	Coffee break	12:00 – 12:25	<i>SLRP signaling in inflammation</i> Liliana Schaefer, Frankfurt	
	Session 4	Microenvironment and cancer	12:25 – 12:40	<i>Bimodal role of NADPH oxidases in the regulation of biglycan-triggered IL-1β synthesis</i> Helena Frey, Frankfurt	
	CRC/SFB 850	Chair: Christoph Peters	12:40 – 12:55	<i>Loss of laminin α5 in the dermo-epidermal basement membrane results in hyperproliferation of basal keratinocytes</i> Jeannine Wegner, Münster	
	11:00 – 11:25	<i>The role of biglycan in the melanoma microenvironment</i> Robert Zeiser, Freiburg	12:55	Closing remarks and departure	
	11:25 – 11:50	<i>Exploring and exploiting the ECM for diagnosing and treating cancers</i> Alexandra Naba, Boston			
	11:50 – 12:15	<i>Systems biology analysis of new roles for intracellular MMPs in cancer metastasis</i> Chris Overall, Vancouver			
	12:15 – 12:30	<i>Injury-driven dermal stiffening expedites skin carcinoma progression</i> Venugopal Mittapalli, Freiburg			
12:30 – 12:45	<i>Uronyl 2-O sulfotransferase modulates melanoma cell adhesion by affecting α5β1 integrin expression</i> Daniela Seidler, Hannover				
12:45 – 13:00	<i>Laminin-332 and laminin-binding integrins in pancreatic cancer associated fibroblasts differentiation</i> Ana Cavaco, Münster				

Conference Venue University of Freiburg
Platz der Universität 3, 79098 Freiburg,
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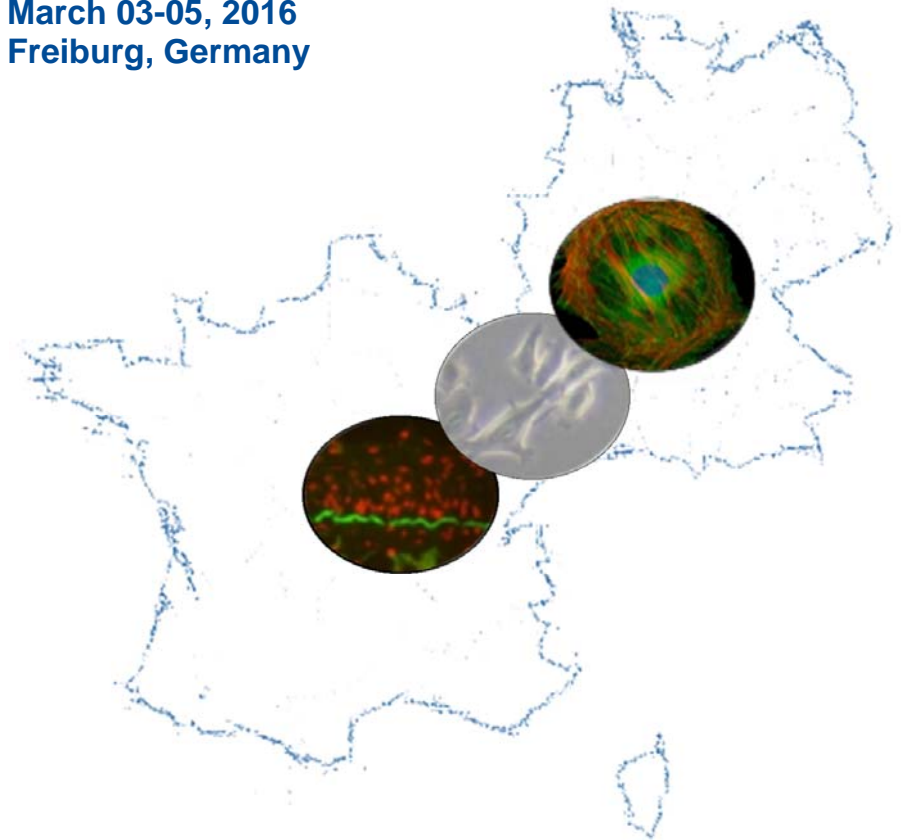
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