**Programme**

**Thursday March 3, 2016**

12:00 – 18:00 Arrival and registration
13:50 – 14:00 Welcome address

**Session 1** The cell-matrix continuum: physiology and pathology
Chair: Reinhard Fässler
14:00 – 14:25 Syndecans and their conserved roles in adhesion and migration
John Couchman, Copenhagen
14:25 – 14:50 Mechanical response for a tense situation between cells and ECM
Corinne Albiges-Rizo, Grenoble
14:50 – 15:05 Contributions of cell-matrix-interactions to the functional integrity of the neurovascular unit
Jula Huppert, Münster
15:05 – 15:20 Tenasin-X regulates TGF-β signaling and activity in vivo
Ulric Valcourt, Lyon
15:20 – 15:35 Fibroblast secretion of TGFβ1 is executed by secretory autophagy
Beate Eckes, Cologne
15:35 – 15:55 The vital link between the ECM and skeletal muscle in muscular dystrophies
Sebahattin Cirak, Cologne
16:20 – 16:35 The impact of bone on whole organism physiology
John Couchman, Copenhagen

**Friday March 4, 2016**

13:00 – 14:00 Lunch break
14:00 – 15:30 Poster session 2 (odd numbers)

**Session 5** Musculoskeletal biology
Chair: Mats Paulsson
15:30 – 15:55 The impact of bone on whole organism physiology
Gerard Karsenty, New York
15:55 – 16:20 Impaired adhesion to the stem cell niche ECM affects the regenerative capacity of aged skeletal muscle
Florian Benzinga, Lausanne
16:20 – 16:35 The vital link between the ECM and skeletal muscle in muscular dystrophies
Sebahattin Cirak, Cologne
16:35 – 17:35 Young investigator award session
Receptor syndecan-1 plays a pivotal role in MMP-9 expression during keratinocyte migration
Anna Michopoulou, Lyon
17:45 – 18:30 Business Meetings of DGMB & SFBMEc

**Friday March 4, 2016**

**Session 3** Inflammation and fibrosis
Chair: Sabine Werner
09:00 – 09:25 The cell-matrix continuum: physiology and pathology
Sabine Eming, Cologne
09:25 – 09:50 Ang-2 / endosialin in liver fibrosis
Hellmut Augustin, Heidelberg
09:50 – 10:15 ECM – immune system crosstalk in collagen IX-deficient mice
Jeff Miner, St Louis
10:15 – 10:30 Basement membranes and kidney function
Tobias Huber, Freiburg
10:30 – 10:45 Coffee break
10:45 – 11:00 Disease of the kidney glomerular basement membrane
Jeff Miner, St Louis
11:00 – 11:25 New insights into the specific requirements of cell-cell and cell-matrix interactions at the kidney filter barrier
Tobias Huber, Freiburg
11:25 – 11:50 New, unexpected mediators of renal glomerular disease
Christos Chatzantoniou, Paris
11:50 – 12:15 SLRP signaling in inflammation
Liliana Schaefer, Frankfurt
12:15 – 12:45 Binodal role of NADPH oxidases in the regulation of biglycan-triggered IL-1β synthesis
Helena Frey, Frankfurt
12:45 – 13:00 Loss of laminin α5 in the dermo-epidermal basement membrane results in hyperproliferation of basal keratinocytes
Jeanine Wegner, Münster
13:00 – 14:00 Lunch break
14:00 – 15:30 Poster session 2 (odd numbers)

**Session 4** Microenvironment and cancer
Chair: Christoph Peters
11:00 – 11:25 The role of biglycan in the melanoma microenvironment
Robert Zeizer, Freiburg
11:25 – 11:50 Exploring and exploiting the ECM for diagnosing and treating cancers
Alexandra Naba, Boston
11:50 – 12:15 Systems biology analysis of new roles for intracellular MMPs in cancer metastasis
Chris Overall, Vancouver
12:15 – 12:30 Inflammatory dermal stiffening expedites skin carcinoma progression
Venugopal Mittapalli, Freiburg
12:30 – 12:45 Unravelling the role of collagen type III in the extracellular matrix
Daniela Seidler, Hannover
12:45 – 13:00 The role of laminin-332 and laminin-binding integrins in pancreatic cancer associated fibroblast differentiation
Ana Cavaco, Münster
19:00 Welcome reception & poster session 1 (even numbers)
18:00 – 19:00 Novel proteoglycan functions in controlling autophagy
Renato lozzo, Philadelphia
FRIAS lecture
Chair: Jörn Dengjel
16:00 – 16:30 Matrix metalloproteinase degradomics at the epidermal-dermal interface
Ulrich auf dem Keller, Zurich
16:30 – 16:55 Interaction networks of the beta-amyloid peptide: new insights into the role of the ECM in Alzheimer’s disease
Sylvie Ricard-Blum, Lyon
16:55 – 17:20 Role of secreted kinases in the extracellular environment
Mattia Bordoll, Boston
17:20 – 17:35 Slow muscle precursors lay down a collagen XV matrix fingerprint to guide motor axon navigation
Florence Ruggiero, Lyon
19:00 Conference dinner
18:00 – 19:00 Integrin-linked kinase regulates the niche of quiescent epidermal stem cells
Jessica Morgner, Utrecht
19:30 Business Meetings of DGMB & SFBMEc
19:30 Welcome reception & poster session 1 (even numbers)
Extracellular Matrix: New Perspectives for Translational Medicine

International Joint Meeting of the German and French Societies for Matrix Biology

March 03-05, 2016
Freiburg, Germany