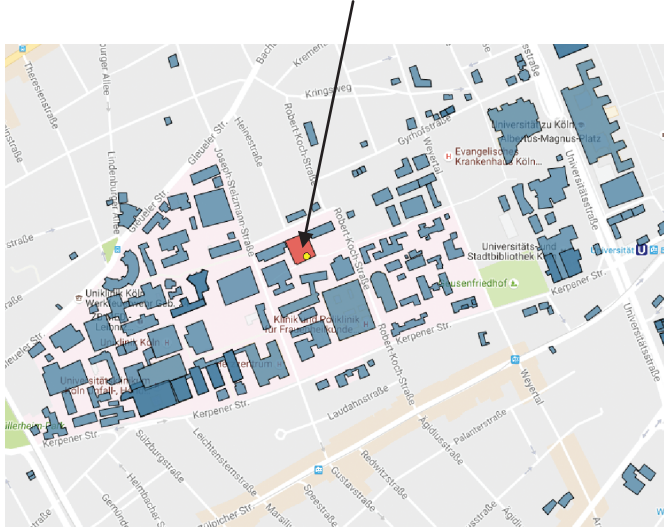


Conference venue

Main Lecture Hall of the Centers for Biochemistry and Physiology
Medical Faculty, University of Cologne

Joseph-Stelzmann-Str. 52, Building 44b, D-50931 Cologne



lageplan.uni-koeln.de

More information

www.matrixbiologie.de

Contact

DGMB2017@matrixbiologie.de

Local organizing committee

Bent Brachvogel, Beate Eckes, Julia Etich, Ursula Hartmann,
Manuel Koch, Anja Niehoff, Mats Paulsson, Gerhard Sengle,
Raimund Wagener, Frank Zaucke, Paola Zigrino

Partners



Sponsors

Platin sponsor (3500€)



Gold sponsors (700-1000€)



Silver sponsors (200-600€)

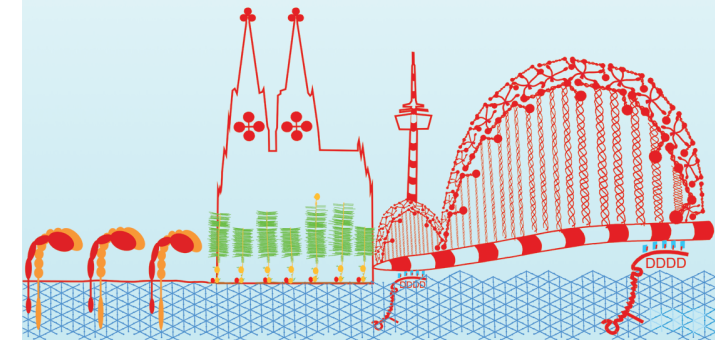


Annual Meeting of the German Society for Matrix Biology

Frontiers in Matrix Biology

March, 9-11th, 2017


Cologne, Germany



Invited speakers

Clair Baldock (Manchester), Jijie Chai (Beijing),
Martin Denzel (Cologne), Boris Hinz (Toronto),
Lena Kjellén (Uppsala), Vivek Malhotra (Barcelona),
Catherine Moali (Lyon), Gertraud Orend (Strasbourg),
Oliver Semler (Cologne), Volker Straub (Newcastle),
Viola Vogel (Zürich)

Deutsche Gesellschaft
für **Matrix
Biologie**

Thursday March 9 th 2017	Friday March 10 th 2017	Saturday March 11 th 2017
12:00 Registration	9:00 - 10:50 Session II Chairs: Susanne Grässel, Dominique Muschter	9:00 - 10:50 Session IV Chairs: Kay Grobe, Anna-Liisa Luik
13:50 - 14:00 Welcome address	9:00 - 9:35 Volker Straub, Newcastle, UK <i>"One thousand and one patients with muscle weakness"</i>	9:00 - 9:35 Lena Kjellén, Uppsala, Sweden <i>"Heparan sulfate biosynthesis: How sulfotransferases regulate polymerization and polymerases determine sulfation"</i>
14:00 - 15:50 Session I Chairs: Mats Paulsson, Herimela Solomon Degefa	9:35 - 9:55 Tatjana Holzer, Cologne, Germany <i>"Mitochondrial dysfunction impairs juvenile growth plate integrity and induces growth plate closure"</i>	9:35 - 9:55 Collin Y. Ewald, Zürich, Switzerland <i>"Prolonged extracellular matrix homeostasis is essential for healthy aging"</i>
14:00 - 14:35 Clair Baldock, Manchester, UK <i>"Structural studies of extracellular regulators of growth factor signalling"</i>	9:55 - 10:30 Oliver Semler, Cologne, Germany <i>"Osteogenesis imperfecta - from genes to therapy"</i>	9:55 - 10:30 Martin Denzel, Cologne, Germany <i>"The hexosamine pathway modulates extracellular matrix composition and epidermal stem cell dynamics"</i>
14:35 - 14:55 Uwe Hansen, Münster, Germany <i>"Formation of lamellae in the corneal stroma: New insights by syndecan-4 deficient mice and hTNFα mice and their impact for keratoconus"</i>	10:30 - 10:50 Tanja Niedermair, Regensburg, Germany <i>"Absence of the sensory neuropeptide Substance P alters osteoblast and osteoclast metabolism"</i>	10:30 - 10:50 Julian Nüchel, Cologne, Germany <i>"Fibroblast secretion of TGFβ1 is executed by secretory autophagy"</i>
14:55 - 15:30 Jijie Chai, Beijing, China <i>"Structural insight into assembly of the NAIP-NLRC4"</i>	10:50 - 12:30 Guided poster session II and coffee break	10:50 - 11:15 Coffee break
15:30 - 15:50 Tzung-Harn Hsieh, Frankfurt, Germany <i>"Biglycan- and sphingosine kinase1-signaling crosstalk regulates the synthesis of macrophage chemoattractants"</i>	12:30 - 13:30 Lunch	11:15 - 13:05 Session V Chairs: Attila Aszodi, Paolo Alberton
15:50 - 18:15 Guided poster session I and coffee break	13:30 - 15:35 Session III Chairs: Leena Bruckner-Tuderman, Alexander Nyström	11:15 - 11:50 Catherine Moali, Lyon, France <i>"BMP-1 acts as an essential proteolytic hub in ECM synthesis"</i>
18:15 - 19:15 Key Note Lecture Chair: Thomas Krieg	13:30 - 14:05 Viola Vogel, Zürich, Switzerland <i>"Mechanobiology of extracellular matrix"</i>	11:50 - 12:10 Maria Benito-Jardón, Valencia, Spain <i>"The FN synergy site re-enforces cell adhesion and mediates a crosstalk between integrin classes"</i>
 Vivek Malhotra, Barcelona, Spain <i>"Receptors for collagen secretion"</i>	14:05 - 14:25 Maria Bethania Piva, Bonn, Germany <i>"Impact of integrins and syndecan-4 in chemo-resistance of melanoma"</i>	12:10 - 12:45 Boris Hinz, Toronto, Canada <i>"The fibrotic matrix: a stressful but memorable environment"</i>
19:15 Get together	14:25 - 15:00 Gertraud Orend, Strasbourg, France <i>"Tenascin-C exerts a Janus activity in tumor angiogenesis"</i>	12:45 - 13:05 Rocco Bernasconi, Freiburg, Germany <i>"Investigation of DEB fibrosis reveals a new anti-fibrotic mode of action of the renin-angiotensin system"</i>
	15:00 - 15:20 Stephan Niland, Münster, Germany <i>"Vasculogenic mimicry provides an opportunity to selectively break the tumor vessel wall barrier in vivo with rhodocetin-$\alpha\beta$"</i>	13:05 - 13:15 Closing remarks
	15:20 - 15:35 Vinko Misetic, NanoTemper Technologies <i>"Analyzing molecular interactions using MicroScale Thermophoresis"</i>	13:15 Snacks and departure
	15:35 - 17:15 Guided poster session III and coffee break	
	17:15 - 18:20 Young Investigator Award Session Chairs: Liliana Schaefer, Julia Etich Presentations of the three nominees: Eva Brauchle, Raphael Reuten, Zhiqi Sun	
	18:20 - 19:20 Business meeting of the DGMB	
	19:30 Dinner	