The 11th Asian and Pan-Pacific Connective Tissue Societies Symposium (PPCTSS) & The 3rd National Conference of CSMB

Time: Nov 16-20, 2018

Venue: Hangzhou International Expo Center, Hangzhou, China

Theme: *Connective Tissue: Environment of cell life activities-basic and clinical applications*

Topic:

- **Session 1** Novel aspects in matrix biology (technological and conceptual advances)
- **Session 2** Signaling from the matrix
- **Session 3** Matrix in development and disease
- **Session 4** Matrix dynamics and turnover
- **Session 5** ECM in fibrosis and cancer
- **Session 6** ECM in inflammation and immunity
- **Session 7** ECM in stem cell and regeneration
- **Session 8** Connective tissue and mechanosensing

Registration website: http://pptcss2018.org

Organized by:

- Chinese Society of Matrix Biology (CSMB)
- Peking University
- Zhejiang University

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Programs

Invited Speaker	Institute	Title
Reinhard Fässler	Max Planck Institute of Biochemistry	Genetic and biochemical analysis of focal adhesion proteins
Qingjun Meng	University of Manchester, UK	ECM-dependent circadian clocks in mammary epithelia: potential links to breast cancer
Xiaowei Li	Shanghai Jiaotong University	Whole-mount tissue clearing and imaging with single-cell resolution
Alain Colige	University of Liege, Belgium	The functions of ADAMTS2, 3 and 14 extend well beyond their aminoprocollagen peptidases activity
Francesco Ramirez	Icahn School of Medicine at Mount Sinai	Computational approaches to identify new drug treatments of aneurysmal disease
Jianfeng Chen	Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences	Integrin a4b7 switches its ligand specificity via distinct conformer-specific activation
Chuanyue Wu	Southern Medical University	Integrin signaling and human diseases
Jyrki Heino	Department of Biochemistry, University of Turku	Functional role of post-translational modifications in ECM proteins

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Junlin Guan	University of Cincinnati College of Medicine	Focal adhesion kinase: the first quarter century and beyond
Jun Qin	Baylor College of Medicine	Molecular insight into the regulation of integrin activation and focal adhesion assembly
Xinhua Lin	Fudan University	Regulatory mechanisms of proteoglycans in endoderm patterning during development
James Whiteford	Queen Mary University Of London	A novel role for Syndecan-4 in neovascular diseases
Xuenong Zou	Institute of Orthopedics, the First Affiliated Hospital, Sun Yat-sen University	ECM and Intervertebral disc degeneration
Wei Kong	Peking University Health Science Center	*TBD*
John Whitelock	UNSW Sydney	The differential biological activities of the basement membrane heparan sulfate proteoglycan, perlecan in vascular, inflammatory and induced pluripotent stem cells
Lenna Bruckner	Dept. Dermatology, Medical Center - University of Freiburg	Translational skin matrix research: disease mechanisms and therapies

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Suneel S. Apte	American Chairman of Matrix Biology Society	Unexpected roles for metalloproteases in cell regulation
Hideto Watanabe	Japanese Chairman of Matrix Biology Society	Role of versican and its processing
Anthony J Day	Faculty of Biology, Medicine & Health, The University of Manchester	Glycosaminoglycan reorganization and crosslinking mechanisms in ovulation and inflammation
Jianglin Fan	University of Yamanashi	Functional roles of MMPs in the pathogenesis of atherosclerosis
Renato V. Iozzo	The editor of Matrix biology	Dual regulation of angiogenesis and autophagy by proteoglycans and its parts
Hongquan Zhang	Peking University Health Science Center	Kindlin-2 control fibrosis via multiple signaling pathway
Lin Wang	The Fourth Military Medical University	Sinusoidal endothelial niche and liver fibrosis
Wen Ning	Nankai University	Role of matricellular protein Fstl1 in lung development and fibrosis
Zhuowei Hu	Institute of Materia Medica, Peking Union Medical College	*TBD*

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Bo Huang	Peking Union Medical College	Killing the soft matrix for cancer treatment
Lydia Sorokin	University of Muenster, Germany	The Differential Role of the Endothelial Basement Membrane and the Gelatinases in Leukocyte Extravasation into the Brain
Liliana Schaefer	International Chairman of Matrix Biology Society	Advances in SLRP biology
Eok Soo Oh	Vice President, Office of Research; President, University-Industry Collaboration Foundation, EWHA WOMANS UNIVERSITY	Unique expression of syndecan-2 in proximal colon during acute inflammation
Chuanju Liu	New York University Medical Center	Interplay among ADAMTs and inflammatory cytokines in arthritis
Hongkui Deng	Peking University Health Science Center	Small molecules induced cell reprogramming
Bi-sen Ding	Weill Cornell Medicine	Vascular MMP14 regulates organ regeneration and fibrosis
Danny Chan	The University of Hong Kong	*Lgr5* and *Col22a1* mark differentiation of joint progenitor cells to juvenile articular chondrocytes

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Zhongjun Zhou	The University of Hong Kong	Isthmin is a novel inhibitor of nodal signaling
Jing Zhou	Peking University Health Science Center	Transduction of mechanical cues by discoidin domain receptor 1 and DNA methyltransferase 1
Yu Huang	Cardiovascular Research Center, The Chinese University of Hong Kong	From skeleton to cytoskeleton: osteocalcin transforms vascular fibroblasts to myofibroblasts via angiotensin II and Toll-like receptor 4
Congying Wu	Peking University Health Science Center	Gradient of matrix stiffness regulates cell migration and mitosis
Samuel I. Stupp	Northwestern University	Supramolecular Engineering of Bioactive Extracellular Matrices
Donald Gullberg	University of Bergen	*TBD*
Aifu Lin	Zhejiang University	*TBD*
Staffan Strömblad	Department of Biosciences and Nutrition, Clinical Molecular Biology Karolinska Institutet	Novel cell-matrix adhesion structures
Lynn Sakai	President of ASMB	*TBD*