



FEBS Advanced Lecture Course 4th FEBS-MPST 2013

Matrix Pathobiology, Signaling and Molecular Targets
September 26th – October 1st 2013, Kos Island-Greece

FEBS-MPST2013 Young Investigator Awards

(includes award certificate financed with 200€ & the international book edition: *Extracellular Matrix: Pathobiology and Signaling* Ed. by Karamanos, Nikos, Berlin, Boston: De Gruyter, 2012 Kindly offered by the editor and the publisher)

- **Syndecan-4 promotes myocardial stiffness by regulating myofibroblast differentiation and extracellular matrix structure in response to pressure overload**
Kate M. Herum^{1,2}, Ida G. Lunde^{1,2}, Biljana Skrbic^{1,2,3}, Theis T.nnessen^{1,2,3}, William E. Louch^{1,2}, Almira Hasic^{1,2}, Ivar Sjaastad^{1,2}, Sigurd Boye⁴, Sverre-Henning Brorson⁵, Andreas Unger⁶, Wolfgang A. Linke⁶, Maria F. Gomez⁷, Geir Christensen^{1,2}
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- **The matrix component biglycan triggers the crosstalk between macrophages and podocytes during renal inflammation**
M.-V. Nastase¹, S. Lazaroski¹, M. F. Young², L. Schaefer¹
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- **Novel COMP neopeptides identified from patients with joint diseases by immune-affinity chromatography and mass spectrometry**
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²Department of Orthopedics, Skåne University Hospital, Lund University, SE-221 85 Lund, Sweden.
- **NG2/CSPG4 control of cellular interactions under flow mimicking extravasation conditions**
Lombardi E.¹, Dallatomasina A.³, Nicolosi P.A.², Zanoocco D.², Mangeri D.^{3,4}, Alias C.³, Marastoni S.², Coluccia A.M.L.^{5,6}, Perris R.³
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³COMT – Centre for Molecular and Translational Oncology, University of Parma, Italy
⁴Pathological Anatomy and Histology Unit - University Hospital of Parma
⁵University of Salento
⁶National Research Council of Lecce
- **Role of syndecan on cancer epithelial-to-mesenchymal transition and metastasis via integrin activation by divalent cations**
Mariana P. Stelling¹, Mariana A. Soares¹, Aline M. dos Santos², Felipe C.O.B. Teixeira¹, Nathalia P. Cid¹, Simone C. Cardoso², Mauro S.G. Pavão¹
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- **Rab10 mediated early endocytosis of HAS3 regulates hyaluronan synthesis and cell adhesion**
Ashik Ahamed J, Sanna Oikari, Kirsi Rilla, Genevieve Bart, Jukka Häyrinen, Riikka Kärnä, Raija Tammi, Katri Makkonen, Markku Tammi
School of Medicine, Institute of Biomedicine, University of Eastern Finland, Kuopio, FIN-70211, Finland.
- **Decorin interferes with platelet-derived growth factor receptor signaling in experimental hepatocarcinogenesis**
Kornélia Baghy¹, Zsolt Horváth¹, Eszter Regős¹, Katalin Kiss¹, Zsuzsa Schaff², Renato V. Iozzo³, Ilona Kovalszky¹
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³Department of Pathology, Anatomy, and Cell Biology, and the Cancer Cell Biology and Signaling Program, Kimmel Cancer Center, Thomas Jefferson University, Philadelphia, PA, USA
- **p53/iASPP growth-promoting function is affected by CD44 expression**
Inna Kozlova^{1}, Aino Ruusala^{1*}, Kaustuv Basu¹, Spyridon Skandalis^{1,2}, Carl-Henrik Heldin¹ and Paraskevi Heldin¹*
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