



**50<sup>th</sup> Anniversary of the French Society for Extracellular Matrix Biology,  
29<sup>th</sup>-30<sup>th</sup> March 2012, Fondation Singer-Polignac, Paris (France)**

**Scientific programme**

**MARCH 29, 2012**

**9 h 30 Registration**

**10 h 00 – 11 h 30**

**Short communications**

Chairpersons: Franck Carreiras and Bernard Coulomb

- 10 h 00 - 10 h 15 Rumezsa Bascetin (Cergy-Pontoise, France)  
Fibronectin and vitronectin assemblies and influence on cell behaviour
- 10 h 15 - 10 h 30 Claire Bouvard (Paris, France)  
Tie2-dependent knockout of  $\alpha 6$  integrin subunit in mouse reduces post-ischemic angiogenesis
- 10 h 30 - 10 h 45 Emilie Buache (Illkirch, France)  
Matrix metalloproteinase-11, a key factor in cancer cell/adipocyte crosstalk
- 10 h 45 - 11 h 00 Laure Fourel (Grenoble, France)  
Presentation of BMP-2 from a soft biopolymeric film unveil its activity on cell adhesion and migration
- 11 h 00 - 11 h 15 Laetitia Ramanoudjame (Paris, France)  
Collagen VI genes in zebrafish skeletal muscle: implications for collagen VI-myopathies
- 11 h 15 - 11 h 30 Emilie Sick (Reims, France)  
Anti-angiogenic activities of *in silico*-designed thrombospondin-1 binding ligands

**11 h 30 - 12 h 30 Coffee break and poster session**

**12 h 30 - 14 h 00 Lunch - Poster session**

**14 h 00 - 18 h 45**

***Plenary lectures and communications***

Chairperson: Ladislav Robert

- 14 h 00 Y. Pouliquen (Paris, France) Welcome address
- 14 h 10 L. Robert (Paris, France)  
Connective tissues, the origin of the concept from anatomy to cell and molecular biology
- 14 h 35 F.-X. Maquart (Reims, France)  
Fifty years of connective tissue research in France: from the French Connective Tissue Club to the French Society for Extracellular Matrix Biology
- 15 h 15 M. Aumailley (Cologne, Germany)  
Basement membranes - Laminins

**15 h 55 - 16 h 25**

***Coffee break***

**16 h 25 - 18 h 45**

***Plenary lectures and communications***

Chairperson: Monique Aumailley

- 16 h 25 F. Rédini (Nantes, France)  
The bone microenvironment as new target for primary bone tumor therapy
- 16 h 50 S. Dedieu (Reims, France)  
The endocytic receptor LRP-1 as a versatile integrator of extracellular signals
- 17 h 15 N. Théret (Rennes, France)  
Role of ADAM-12 and ADAMTS-1 in liver fibrosis
- 17 h 40 R. Hynes (Cambridge, USA)  
Extracellular matrix and adhesion receptors in cancer

***End of the session***

**18 h 45**

**18 h 45 - 19 h 45**

***Cocktail***

**MARCH 30, 2012**

**9 h 00 - 11 h 30**

***Plenary lectures and communications***

Chairperson: Patricia Simon-Assmann

9 h 00 R. Mecham (St Louis, USA)  
The elastic fiber and elastin-related diseases

9 h 40 L. Schaefer (Frankfurt, Germany)  
Inflammation: directions from the matrix

10 h 20 S. Ricard-Blum (Lyon, France)  
The collagens: a fascinating family

**11 h - 11 h 30**

***Coffee break***

**11 h 30 - 12 h 45**

***Communications***

Chairperson: Robert Mecham

11 h 30 C. Baldock (Manchester, UK)  
Structural studies on BMP regulators

11 h 55 D. Quaglino (Modena, Italy)  
*Pseudoxanthoma elasticum*: more than an elastic fiber disorder

12 h 20 F. Mallein-Gerin (Lyon, France)  
Novel therapeutic strategies for cell therapy and tissue engineering of cartilage

**12 h 45 - 14 h 00**

***Lunch - Poster session***

**14 h 00 - 16 h 00**

***Plenary lectures and communications***

Chairperson: François-Xavier Maquart

14 h 00 A. Noël (Liège, Belgium)  
Contribution of membrane-associated matrix metalloproteinases to hallmarks of cancer

14 h 40 J.-C. Monboisse (Reims, France)  
Matrikins: a new anticancer strategy

15 h 20 R. Boot-Handford (Manchester, UK)  
The pathogenic consequences of chondrocyte endoplasmic reticulum stress

**16 h 00 - 16 h30**

**Coffee break**

**16 h 30 - 18 h 30**

**Plenary lectures and communications**

Chairperson: Sylvie Ricard-Blum

- 16 h 30 J. Myllyharju (Oulu, Finland)  
Key collagen modifying enzymes
- 17 h 10 C. Monnot (Paris, France)  
Extracellular matrix scaffolding in endothelial sprouting
- 17 h 35 C. Reynaud (Lyon, France)  
Lysyl oxidase in pre-metastatic niche formation and bone metastases
- 18 h 00 S. Brezillon (Reims, France)  
Role of lumican, a small leucine-rich proteoglycan, in the control of tumour progression
- 18 h 30 End of the meeting**  
L. Robert and the President of the French Society for Extracellular Matrix Biology