

Thursday March 21, 2013

- 13 h 15 Registration
- 14 h 00 OPENING of the Meeting : President of the French Society of Extracellular Matrix Biology, Dean of the Dental Medicine Faculty and local organizers
- 14 h 15 **SESSION 1 – Structural and regulatory role of ECM**
Chairpersons: Florence RUGGIERO (Lyon), Gertraud OREND (Strasbourg)
- Invited speaker: Taina PIHLAJANIEMI (Oulu, Finland)**
Contributions of multiplexin collagens to development and maintenance of tissue homeostasis
- 14 h 55 – 15 h 25 2 short communications selected from the abstracts
- 14 h 55 Rümeyza Bascetin (Cergy-Pontoise, France)
Fibronectin self-assembly and influence on cell behaviour
- 15 h 10 Elise Lambert (Lyon, France)
Zebrafish collagen XIV involvement during embryogenesis and caudal fin regeneration
- 15 h 25 Poster snap shot (see corresponding section)
– Moderator : **Sylvie RICARD-BLUM (Lyon, France)** –
- 16 h 05 Poster session
Including coffee break
- 16 h 45 **Special lecture : Richard HYNES (Cambridge – USA)**
In memoriam of Elisabeth Georges-Labouesse
Cell-matrix interactions in development and cancer
- 17 h 45 CAVE HISTORIQUE DES HOSPICES CIVILS DE STRASBOURG / APPETIZER

Friday March 22, 2013

- 9 h 00 **SESSION 2 - ECM remodeling in tissue homeostasis and disease**
Chairpersons: Liliana SCHAEFER (Frankfurt, Germany), François MAQUART (Reims)
- 9 h 00 – 10 h 15 5 short communications selected from the abstracts
- 9 h 00 Laetitia Gorisse (Reims, France)
Carbamylation of type I collagen during chronic renal failure
- 9 h 15 Simon Guiraud (Paris, France)
HANAC Col4a1 mutation in mice causes a muscular disease that associates endoplasmic reticulum stress and vascular defects
- 9 h 30 Dominique Bagnard (Strasbourg, France)
Unmasking the dark side of Laminin alpha 1: from cortical dysplasia to cognitive impairment

- 9 h 45 Jérémy Bomo (Rennes, France)
Study of the involvement of mechanical forces on hepatocyte phenotype during fibrosis
- 10 h 00 Vanessa Pellegrinelli (Paris, France)
3D modeling of human adipose tissue fibrosis: impact on adipocyte functions through mechanical cues
- 10 h 15 Presentation from Nikon
- 10 h 20 Coffee break
- 10 h 50 **Invited speaker: Anna-Karin OLSSON** (Uppsala, Sweden)
Alternatively spliced matrix molecules as targets for cancer vaccines
- 11 h 30 Poster snap shot (see corresponding section)
– Moderator: **Sylvie RICARD-BLUM** (Lyon, France) –
- 12 h 10 Poster session
- 12 h 50 Lunch
- 13 h 50 **SESSION 3 - Role of the ECM in the tumor microenvironment**
Chairpersons: Ruth CHIQUET-EHRISMANN (Basel, Switzerland), Catherine MONNOT (Paris)
- Invited speaker: Lydia SOROKIN** (Münster, Germany)
The role of endothelial laminins in immune cell migration in inflamed tissues
- 14 h 30 – 15 h 15 3 short communications selected from the abstracts
- 14 h 30 Adèle De Arcangelis (Strasbourg, France)
Epithelial-specific deficiency of the laminin receptor $\alpha 6$ -integrin spontaneously triggers ulcerative colitis and carcinogenesis
- 14 h 45 Thomas Hussenet (Strasbourg, France)
Tenascin-C promotes primary tumor initiation and lung metastatic colonization in an ERBB2 - driven murine model of breast cancer
- 15 h 00 Albin Jeanne (Reims, France)
Tax2 peptides derived from cd47 as new anti-cancer agents
- 15 h 15 Coffee break
- 15 h 45 **Invited speaker: Olivier DE WEVER** (Gent, Belgium)
Bone marrow-derived mesenchymal stem cells in colorectal cancer: NRG at the invasion front
- 16 h 25 – 17 h 10 3 short communications selected from the abstracts
- 16 h 25 Zied Boudhraa (Clermont-Ferrand, France)
Annexin A1 in primary tumours promotes melanoma dissemination

16 h 40	Virginie Lelarge (Paris, France) <i>Role of lysyl oxidase like-2 in tumor progression and angiogenesis</i>
16 h 55	Florent Badiqué (Mulhouse, France) <i>Mechanism of cancerous cells deformation on micropillared surfaces</i>
17 h 10	Meeting of the SFBMEc members
18 h 30	Walking tour
20 h 30	Altogether dinner – Restaurant “Zuem Strissel”

Saturday March 23, 2013

9 h 00	SESSION 4 - Impact of the ECM on mechanotransduction and signaling ; biomaterials Chairpersons: Karine ANSELME (Mulhouse), Michel LABOUESSE (Strasbourg)
	Invited speaker: Benoit LADOUX (Paris, France) Microfabricated substrates as a tool to study single cell mechanotransduction and collective cell migration
9 h 40 – 10 h 25	3 short communications selected from the abstracts
9 h 40	Nathalie Mayer (Lyon, France) <i>Reconstruction of human articular cartilage in collagen scaffolds under bi-directionnal perfusion</i>
9 h 55	Dimitris Missirlis (Stuttgart, Germany) <i>The impact of ECM coating and substrate elasticity on fibroblast adhesion and motility</i>
10 h 10	Morgane Rabineau (Strasbourg, France) <i>Do soft substrates promote malignancy or contribute to tumor suppression?</i>
10 h 25	Coffee break
10 h 55	1 short communication selected from the abstracts
	Nihal Engin Vrana (Cambridge, USA) <i>Development of 3D Cell-laden ECM-mimicking microenvironments via bioprinting of photocrosslinkable gelatin</i>
11 h 10	Invited speaker : Jacky GOETZ (Strasbourg, France) Biomechanical tuning of tumor invasion and metastasis
11 h 50	Prizes for short communications and posters given by P-A Mendler, President of Alsace Contre le Cancer
12 h 00	CONCLUSION of the Meeting