



**November**  
**30th, 2023**  
**STRASBOURG**

**VENUE**

HÔTEL LES HARAS  
 23 RUE DES GLACIÈRES, 67000  
 STRASBOURG

**ORGANISERS**

Françoise Dantzer  
 Dominique Bagnard



The Strasbourg Institute for drug discovery & development was created at the end of January 2021 in the context of the French "Investments for the Future" programme. In a context where **pharmaceutical companies externalise their pre-clinical research activities** to concentrate on the clinical study phases, IMS relies on a high level of basic research **to create a "pipeline" of therapeutic molecules**, from the pre-clinical stage to phase II clinical trials. The institute works in close collaboration with several public and private instances : Conectus, Semia, Fondation Jean-Marie Lehn, ESBS, ECPM, France Biovalley.

Les Institut **thématiques interdisciplinaires**  
 de l'Université de Strasbourg & **Inserm**  
 dans le cadre de l'Initiative d'excellence

# EXTRACELLULAR MATRIX AND PATHOLOGIES :

## FROM RESEARCH TO INNOVATION

**THURSDAY, NOVEMBER 30th, 2023**

**MORNING**

- 9.00** Welcome to Participants
- 9.25** Workshop short introduction  
**Session 1 : Extracellular matrix and pathologies - Chaired by Françoise Dantzer**
- 9.30** **Dr. Stéphane Dedieu** – UMR CNRS 7369, Matrice Extracellulaire et Dynamique Cellulaire, Reims  
*Deciphering LRP1 : a dynamic nexus between extracellular matrix sensing and signaling in the tumor microenvironment.*
- 10.00** **Dr. Gertraud Orend** – Inserm U1109, Tumor Microenvironnement Group, Strasbourg  
*Targeting the extracellular matrix in cancer*
- 10.30** **Dr. Caroline Spenlé** – UMR CNRS 7242-BSC, Peptides thérapeutiques, Illkirch  
*Is extracellular matrix deregulated in pathological cerebroids ?*
- 11.00** **Dr. Patricia Rousselle** – UMR CNRS 5305, Laboratoire de Biologie Tissulaire et d'Ingénierie thérapeutique, Lyon  
*Extracellular matrix stiffness shapes the skin dermal-epidermal interface*
- 11.30** **Dr. Miriam Burmeister** – Institute of Physiological Chemistry and Pathobiochemistry, University of Muenster, Germany  
*How molecular and mechanical signalling affect leukocyte extravasation*

**12.00 LUNCH**

**AFTERNOON**

- 13.45** **Session 2 : Innovations in the targeting of the Extracellular matrix and biomaterials - Chaired by Dominique Bagnard**  
**Dr. Albin Jeanne** – Apmonia Therapeutics, Reims  
*Apmonia Tx - Novel peptide-based therapeutics for reprogramming the tumor stroma extracellular matrix*
- 14.15** **Théo Desigaux** – Art BioPrint, Bordeaux  
*ArtBioPrint- Bioprinting technologies for tissue and disease modeling*
- 14.45** **Dr. Fouzia Boulmedais** – ITI HiFunMat, Strasbourg  
*Polysaccharide and protein based-nanocoatings with bioactive properties for biomaterials*
- 15.15** **Dr. Lydie Ploux** – Inserm U1109, Biomaterials and Bioengineering/Spartha Medical, Strasbourg  
*Sensing and adaptation of microorganisms to the elasticity of biomaterial surfaces*
- 15.45** Discussion involving all the speakers
- 16.15** **CONVERSATION & COFFEE**