

1ère Journée du GDR Gagosciences

11th of October 2016, Paris - France

<https://gagosciences.ibs.fr/>

8h45 : Welcome

Session 1 : Open session of the GDR GAG

9h10 : Introduction, presentation of the GDR - R. Vivès

9h15 : Complex sugars regulate cerebral cortex plasticity - Alain Prochiantz (Collège de France, Paris)

9h45 : Binding of the chemokine CXCL12 α to its natural extracellular matrix ligand heparan sulfate enables myoblast adhesion and facilitates cell motility – Ralf Richter (University of Leeds, UK)

10H00 : IR spectroscopy coupled to Mass Spectrometry: a new integrated platform for comprehensive de novo sequencing of GAGs - Isabelle Compagnon (Université Lyon I, Lyon)

10H30 : Production of glycosaminoglycans in a non-pathogen strain of *Escherichia coli* - Bernard Priem (CERMAV, Grenoble)

10H45 : Coffee break and poster session

11h15 : NMDA receptors and glycosaminoglycans in pulmonary arterial hypertension: targets for therapeutic innovation? – Sylvia Cohen-kaminsky (Université Paris-Sud, Le Plessis-Robinson)

11h45 : Characterization of 2 novel epitopes involved in HSulf-2/heparan sulfate substrate recognition – Amal Seffouh (IBS, Grenoble)

12H00 : Functional antagonism between syndecan-1 and estrogen receptor alpha (ER $\hat{\pm}$) signaling in human MCF7 breast carcinoma cells – Emmanuelle Fleurot (Université de Caen, Caen)

12H15 : conclusions

12H30 : lunch

Session 2 : Meeting of GDR members

14h00 – 17h00 : GDR meeting