



Symposium : Labex Chemisyst - Labex CSC Strasbourg Marie Curie

ITN DYNANO - Pole Balard Montpellier

« Dynamic Constitutional Systems »



27 and 28 July 2015

Conference room, Institut Européen des Membranes, 300 avenue Emile Jeanbrau, Montpellier

27 July 2015

- 08:00 – 08:30 **Welcome - Coffee**
- 08:30 – 09:30 *Perspectives in Chemistry: From Supramolecular Chemistry towards Adaptive Chemistry*  
Prof. Jean-Marie Lehn
- 09:30 – 10:15 *Synthesis and Applications of Glyconanostructures*  
Prof. Olof Ramstrom
- 10:15 – 10:45 **Coffee break**
- 10:45 – 11:30 *Rubbery Organic Frameworks-ROFs-Tuning the gas-diffusion through dynamic membranes*  
Dr. Mihail Barboiu
- 11:30 – 12:15 *NMR and molecular recognition. Glycan-Protein Interactions*  
Prof. Jesus Jimenez Barbero
- Lunch break**
- 14:00 – 14:45 *Integration of Molecular Motors in Non-Equilibrium polymer Networks*  
Prof. Nicolas Giuseppone
- 14:45 – 15:30 *Boron-Based Nucleic Acids : From Self-Assembly to Single Point Mutations Detection*  
Prof. Michael Smietana
- 15:30 – 16:00 **Coffee break**
- 16:00 – 16:45 *Dynamic expression of multivalency in dna recognition*  
Dr. Sebastien Ulrich
- 16:45 – 17:05 *Exploring glycosignatures of nontypeable Haemophilus influenzae and recognition by human surfactant protein D*  
Ioanna Kalograiaki
- 17:05 – 17:25 *Open-to-closed transition in apo Glucose/Galactose-binding protein elucidated by paramagnetic NMR and MD simulation*  
Luca Unione
- 17:25 – 17:45 *Spatially Well-Defined Carbohydrate Nanoplatfoms: A Comparative QCM Study of Lectin Interactions*  
Brian Timmer
- 18:00 **Supervisory Board Meeting (restricted)**
- 19:00 *Grill party*

28 July 2015

08:00 – 08:30 **Welcome - Coffee**

08:30 – 09:15 *Selective cation extraction by weakly bound aggregates as self - assembled dynamic system.*  
*Dr. Thomas Zemb*

09:15 – 10:00 *Novel microarray platforms for exploring molecular recognition events*  
*Dr. Dolores Solis*

10:00 – 10:15 **Coffee break**

10:15 – 11:00 *Ultrasonic treatment of Interfaces: From Functional Coatings to Phase Transfer for Recycling*  
*Prof. Helmuth Mohwald*

11:05 – 11:25 *Madalina Axinie*

11:30 – 11:50 *Synthesis of Glycofullerenes as Antihyperglycemic Agents: Fighting Diabetes Type2*  
*Marta Abellan*

11:55 – 12:15 *Light Triggered Hierarchical Self-Assembly of Conducting Triarylamine Nanowires. Application towards Mesoporous Biocompatible Electrodes and Artificial Ion and Water Transport.*  
*Susanne Schneider*

12:15 – 12:35 *Dynamic Constitutional Frameworks for Biorecognition*  
*Romina Catana*

12:40 – 13:00 *Dynamic hydrophilic/hydrophobic membranes with phase segregation / Tuning of double dynamic cages*  
*Yan Zhang*

**Lunch break**

**Scientific contacts:** Mihail Barboiu et Pascal Dumy

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