



Programme

Journées Grand-Sud de RMN (30-31 Mai 2016)

(Amphithéâtre d'Anatomie, "ancienne" Faculté de Médecine, Montpellier)

Lundi 30 mai

16h00 – 19h00 : Accueil des participants et dégustation de produits régionaux* dans le cadre exceptionnel de l'ancienne Faculté de Médecine de Montpellier (XII^{ème} siècle)

19h00 : **Ouverture des journées** ([Christian Roumestand](#), CBS, Montpellier)

Session "Mas Daumas Gassac", modérateur : C. Roumestand

19h15-19h55 : [Michel Zanca](#) (BioNanoNMRI, CHU Montpellier)

Looking for the functional brain: can we read in mind using functional magnetic resonance imaging?

Mardi 31 mai

Session "Pic Saint-Loup", (modérateur : à définir)

8h30 - 8h50 : [Jean-Marie Bonny](#) (AgroResonance, INRA, St-Genès-Champanelle)

Mitigation of functional sensitivity variations within the human brain for studying food behaviour by MRI.

8h50 - 9h10 : [Gilles Silly](#) (ICGM-UMR 5253, Montpellier)

¹H, ¹⁹F, ¹³C NMR investigation of fluoropolymers

9h10 - 9h30 : [Anne Lesage](#) (Institut des Sciences Analytiques, Villeurbanne)

Dynamic Nuclear Polarization at 40 kHz Magic Angle Spinning

9h30 - 9h50 : [Guilhem Pages](#) (AgroResonance, INRA, St-Genès-Champanelle)

Low- and high-field NMR spectrometry: complementary in the struggle against counterfeiting

9h50 – 10h20 : **pause café (30 min)**

** (à consommer avec modération)*

Session “Terrasses du Larzac”, (modérateur : à définir)

10h20 - 10h40 : **Guy Lippens** (LISBP CNRS UMR 5504, Insa Toulouse)
NMR meets Tau: insights in its function and pathology

10h40 - 11h00 : **Antoine Loquet** (CBMN UMR5248, Pessac)
Functional amyloid fibrils controlling cell death investigated by solid-state NMR

11h00 - 11h20 : **Elise Delaforge** (IBS, Grenoble)
Large-Scale Conformational Dynamics Controls H5N1 Influenza Polymerase PB2 Binding to Importin α

11h20 - 11h40 : **Tiago Cordeiro** (CBS, Montpellier)
Protein disorder in retinoic acid receptor heterodimer regulation

12h00 - 13h00 : **pause repas (1h)**

13h00 - 15h00 : **session poster (2h)**

Session “Picpoul de Pinet”, (modérateur : à définir)

15h00 - 15h20 : **Erick Dufourc** (CBMN UMR5248, Pessac)
Magnetic and fluorescent phospholipids: enhanced properties for liposome science

15h20 - 15h40 : **Jia-Ying Guan** (IBS, Grenoble)
NMR and EM studies of a 1 MDa chaperonin in action

15h40 - 16h00 : **Kristaps Jaudzems** (CRMN, Lyon)
De novo 100 kHz MAS structure determination of a viral nucleocapsid and insights from high field DNP

16h00 - 16h20 : **Denis Lacabanne** (IBCP, Lyon)
Efficient and stable reconstitution of the ABC transporter BmrA for solid-state NMR studies

16h20 - 16h40 : **pause café (20 min)**

Session “Saint Saturnin”, (modérateur : à définir)

16h40 - 17h00 : **Rémy Sounier** (IGF, Montpellier)
Conformational landscape of μ -opioid receptor bound to biased opiates.

17h00 - 17h20 : **Giulia Mollica** (ICR UMR7273, Marseille)
Off-MAS NMR for dipolar coupling measurements in multiple spin systems

17h20 - 17h40 : **Virginie Gervais** (IPBS, Toulouse)
NMR studies of a novel family of DNA Binding Protein: The THAP proteins

17h40 - 18h00 : **clôture**