



Journée RMN grand sud - 11 Juin 2018  
Hôtel d'Assézat, Place d'Assézat, Toulouse

**17h00 – 19h00** : : *accueil des participants, rafraichissements et visite des collections de la Fondation Bemberg (18h00 à 19h00)*

**19h00-20h00** : Prof. Vadim Cherezov, Bridge@USC, University of Southern California

“G-protein coupled receptors structural biology”

**A partir de 20H00**: *Cocktail dinatoire*

Journée RMN grand sud - 12 Juin 2018  
Amphi Gallais, 205 rte de narbonne, Toulouse

8h30 : accueil des participants

**8h45 – 9h00** : **Prof. Alain Milon**, mots de bienvenue - remerciements

**9h00 – 9h30** : **Birgit Habenstein**, Institut Européen de Chimie et Biologie (IECB), Bordeaux

“Structural insights into the nanodomain-associated Remorin by solid-state NMR”

**9h30 – 9h50** : **Gaëtan Assemat**, Institut de Chimie de Toulouse (SPCMIB), Toulouse

« Low-field NMR for drug analysis: from one dimensional to DOSY <sup>1</sup>H experiments”

**9h50 – 10h20** : **Sami Jannin**, Institut des Sciences Analytiques (ISA), Lyon

“Hyperpolarization Deli & Take Away”

**10h20 – 10h40** : **K. de Guillen**, Centre de Biochimie Structurale (CBS), Montpellier

« Recognition of the *Magnaporthe oryzae* effectors AVR-Pia and AVR1-CO39 by the decoy domain of the rice NLR immune receptor RGA5”

10h40 – 11h00 : pause café

**11h00 – 11h30** : **Olivier Saurel**, Institut de Pharmacologie et Biologie Structurale (IPBS), Toulouse

« Structure and dynamics of kpOmpA by liquid and solid state NMR »

**11h30 – 11h50** : **Nadia El Mammeri**, Institut Européen de Chimie et Biologie (IECB), Bordeaux

“Structural examination of a new cell-death signalling related functional amyloid motif using solid-state NMR”

**11h50 – 12h20** : **Guilhem Pagès**, Qualité des Produits Animaux (QuaPA), Clermont Ferrand

“CEST-MRI to reveal new contrasts: application in preclinical imaging and food science”

**12h20 – 12h40** : **Bruno Alonso**, Institut Charles Gerhardt Montpellier (ICGM), Montpellier

“Organic Structure Directing Agents as NMR probes of order and intermolecular interactions in complex zeolites”



12h40 – 14h30 : buffet – posters

**14h30 – 15h00 : Pierre Thureau**, Institut de Chimie Radicalaire (ICR), Marseille

"Etude du polymorphisme par RMN in-situ"

**15h00 – 15h20 : Yannick Coppel**, Laboratoire de Chimie de coordination (LCC), Toulouse

« Liquid and solid state NMR studies of ZnO Nanocrystals stabilized by organic ligands »

**15h20 – 15h50 : Sabine Hediger**, Institut de Nanosciences et Cryogénie (INAC), Grenoble

"Biomolecular MAS-DNP: to be enriched or not to be, that is the question"

**15h50 – 16h10 : David Gajan**, Institut de Sciences Analytiques (ISA), Lyon

« BDPA-Nitroxide Biradicals for Efficient Dynamic Nuclear Polarization Enhanced Solid-State NMR at Magnetic Fields up to 21.1 T”

**16h10 – 16h30 : Adam N. Smith**, Institut de Nanosciences et Cryogénie (INAC), Grenoble

« Long-range correlations for structural fingerprinting of protein deposits enabled by natural isotopic abundance DNP-enhanced solid state NMR”

**16h30 – 17h00 : Pau Bernado**, Centre de Biochimie Structurale (CBS), Montpellier

"Access to Atomic Resolution Structural Information in Poly-Glutamine Homo-Repeats by NMR

17h00 – 17h30 : pause café