

French German Symposium on Chemical Biology

Vendredi 16 Novembre 2018, Amphithéâtre Gerhardt 8 rue de l'école Normale

8h45 Introduction **Pascal Dumy**

9h00 Plenary Lecture 1 **Christine Beemelmans** (Leibniz Institute for Natural Product Research, Berlin)
Elucidation of novel biosynthetic pathways of secondary metabolites and the identification of the predicted structures.

10h00 Keynote 1 **David Virieux** (ENSCM, ICG) *Fails and Successes in the development of new phosphorus-based bioisosteres.*

10h30 Coffee break

10h45 OC1 **Ayman El Jundi** (IBMM) *Degradable double hydrophilic bloc copolymers for the vectorization of charged API.*

11h00 OC2 2 **Julie Aguesseau** (IBMM) *Thiazole-based γ -peptide foldamers as catalysts for enantioselective nitro-Michael addition reactions.*

11h15 OC3 **Sarah Le Saux** (ICG) *Exosomes as platforms for drug delivery.*

11h30 Keynote 2 **Jean-François Guichou** (CBS, Montpellier) *Combining "dry" co-crystallization with in situ diffraction to facilitate ligand screening by X-ray crystallography: an example of application to discover new inhibitors of human cyclophilin as pan viral agents.*

14h00 Plenary Lecture 2 **Sabine Muller** (Greifswald University) *Hairpin ribozyme variants as modulators of key RNA processing pathways.*

15h00 Keynote 3 **Cyril Bressy** (Aix-Marseille Université) *Amplification of Enantioselectivity during Organocatalyzed Acylation of Diols.*

15h30 OC 4 **Mégane Debais-Corbière** (IBMM) *Templated assembly and control of DNAzymes by short borono-based nucleic acids.*

15h45 OC5 **Albane Birault** (ICGM) *Hybrid silica materials as advanced carriers for controlled therapeutic delivery.*

16h00 OC6 **Jimmy Lauberteaux** (ICGM) *Iterative construction of 1,3 polyols using copper catalysed enantioselective borylation : Applications in natural products total synthesis.*

16h15 Keynote 4 **Jean-Marie Galano** (IBMM) *Deciphering oxidative stress by total synthesis.*

16h45 End

La participation à cette journée thématique est ouverte et gratuite. Le suivi de la journée par les doctorants de l'ED Sciences Chimiques Balard sera comptabilisé comme 8h de formation scientifique.