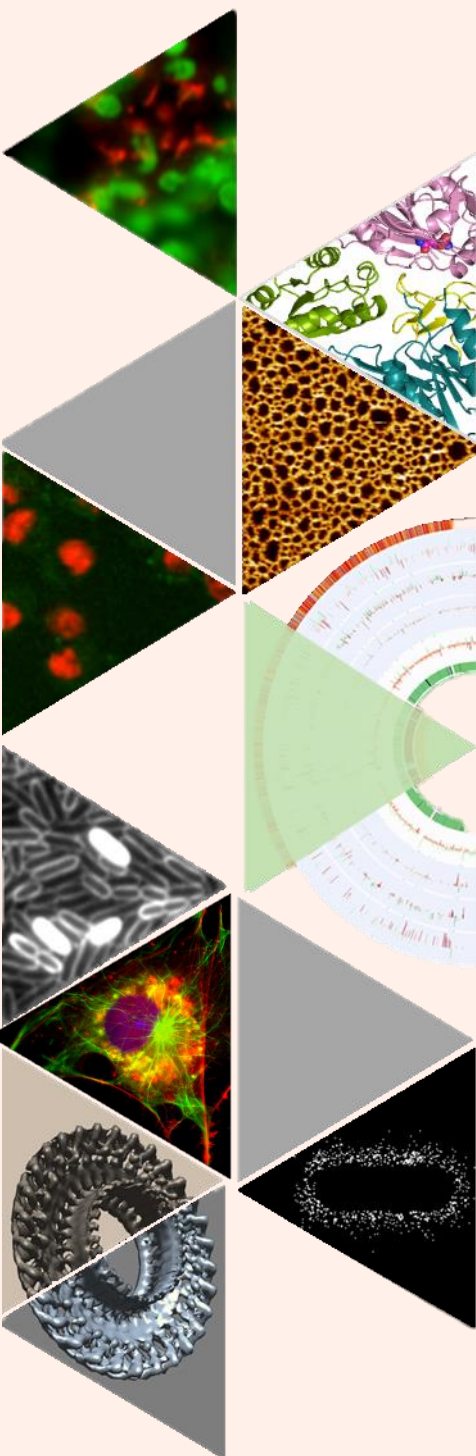


April 17th 2019

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Bacto-Gre 2019

8:30 **Welcome coffee**

9:00 **André Zapun** (IBS, Pneumococcus Group)
Lipid phases and cell geometry during the cell cycle of Streptococcus pneumoniae

9:30 **Julian Trouillon** (CEA, BCI-PBRC)
The Type V Secretion System ExlBA grafts onto metabolism-related regulatory networks in Pseudomonas aeruginosa

10:00 **Dalil Hannani** (TIMC, TheREX)
Pseudomonas aeruginosa as Live Biotherapeutic Products

10:30 **Break / Discussion**

10:50 **Steve Chiumento** (CEA, LCBM- Biocatalysis team)
RumC bacteriocins: A new family of sactipeptides against Clostridium perfringens

11:20 **Claire Durmort & Jennyfer Trouvé** (IBS, Pneumococcus Group)
Click metabolic labeling of cell wall synthesis

11:50 **Sophie Abby** (TIMC, IMAG-GEM)
Diversification of the T4P-super-family into machineries for secretion, competence, motility and adhesion across two domains of life

12:20 **Antonia Suau-Pernet** (TIMC, IMAG-GEM)
Intestinal microbiota: from animal models to human studies

12:50 **Lunch**

14:00 **William Robins** (Harvard Medical School)
From codons to genomes: use of deep sequencing and big data to probe pathogenesis

14:45 **Andrea Dessen** (IBS, Bacterial Pathogeny Group)
Structure and assembly of pilotin-dependent and -independent secretins of the Type II secretion system

15:15 **Stephan Lacour** (LIPHY, BIOP)
New insights into the regulation of curli production by E. coli

15:45 **Break / Discussion**

16:05 **Vincent Deruelle** (CEA, BCI-PBRC)
Looking for eukaryotic receptors for Pseudomonas aeruginosa toxins using CRISPR-Cas9 system

16:35 **Prisca Perlemoine** (CEA, LETI-DTBS)
Optical phage susceptibility testing: developing instrumentation for phage therapy

17:05 **Audrey Le Gouellec** (TIMC, TheREX)
Evolutionary adaptation of P. aeruginosa during chronic lung infections in patients with Cystic Fibrosis