



Program Summer School "VIPR2"
02 et 03 Juin 2025 - Amphithéâtre A207

| | MONDAY 2th | TUESDAY 3th |
|-------|---|--|
| 08h45 | Welcome of participants and introduction | Welcome of participants and introduction |
| 09h00 | R&D of new antibacterial drugs: why is it so difficult ? Pr. Patrick PLESIAI | Discovery and development of novel efflux pump inhibitors that revert AMR in Gram negative bacteria Dr. Ruben HARTKOORN |
| 09h50 | Development of new antibiotics targeting replication in Gram-negative bacteria Dr. Jérôme WAGNER | A small RNA-riboswitch interaction controls expression of a manganese efflux pump that is essential for Staphylococcus aureus infection Dr. David LALAOUNA |
| 10h20 | COFFEE | COFFEE |
| 10h40 | Insights into the recognition and transport Mechanisms of TonB-Dependent outer membrane receptors for antibiotic delivery Dr. Lucile MOYNIE | Polysaccharide and protein based-nanocoatings with antibacterial properties Dr. Fouzia BOULMEDAIS |
| 11h30 | Probing antimicrobial peptide structures with cross-linking mass spectrometry Dr. Noëlle POTIER | Colicins biology to overcome shigellosis Dr. Béatrice ROCHE |
| 12h00 | Oral communication | Title to be confirmed Walid HAJEB |
| 12h20 | BUFFET/POSTER SESSION | BUFFET/POSTER SESSION |
| 14h00 | Engineering Pseudomonas to produce a clickable siderophore Dr. Coraline RIGOUIN | Artificial Siderophores in Action: Targeting Pathogens and Enhancing Molecular Imaging Pr. Elzbieta GUMIENNA-KONTECKA |
| 14h50 | Isoprenoid biosynthesis : IspH, a source of inspiration for the development of new selective inhibitors Ms Isabelle VIEIRA DE ALMEIDA | Siderophore-decorated microbubbles and bacteria : a soap opera Dr Johan REVOL-TISSOT |
| 15h10 | Oral communication | Unravelling the use of hydroxamate siderophores and their derivatives by Pseudomonas aeruginosa for therapeutic applications Ms Virginie WILL |
| 15h30 | Unveiling antimicrobial secrets of medieval remedies: Advanced analytical approaches for a modern understanding Capucine BRAILLON | Oral communication |
| 15h50 | COFFEE | COFFEE |
| 16h10 | Round Table "PhD and Beyond" Dr. Olivier CUNRATH (CNRS) Dr Fabrice KARABULUT (Solvias) | Oral communication |
| | Round Table "PhD and Beyond" Dr. Olivier CUNRATH (CNRS) Dr Fabrice KARABULUT (Solvias) | Oral communication |
| 16h40 | Concluding remarks Invited plenary speakers: social event | Award ceremony (Poster/communication) Concluding remarks |