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Switzerland

10th

EDITION
STUDENT
SYMPOSIUM

4 & 5

NOVEMBER

2025

MARTHE CONDAT
AUDITORIUM

118 Rte de Narbonne

Register
here

DAY 1 - November 4th

9:00 am Opening and welcome by Dr. Olivier NEYROLLES, Director of IPBS

1st SESSION : CANCER (sponsored by fondation Toulouse Cancer Santé)

9:15 am Sponsor Talk

9:30 am **Maëlle Caroff** - Ligand Stabilization of DNA Three-way junctions for targeted cancer therapy

9:45 am **Nicolas Mattei** - Understanding and overcoming limits of Pulsed Electric Field cancer treatments

10:00 am **Cédric Fabre** - The Fibrotic Fortress : ECM Architecture Modulating CD8+ T Cell infiltration in pancreatic cancer

10:15 am **Mathilde Lacombe** - Adipocyte derived-androgens : role in progresion and castration resistance of prostate cancer at the primary and bone metastatic site

10:30 am **2nd Year Phd students FLASH PRESENTATIONS**

10:45 am **POSTER SESSION 1 and Coffee Break**

11:30 am



KEYNOTE SPEAKER : Dr. Fatima MECHTA-GRIGORIOU, Institut Curie, Paris, France

Mapping stromal heterogeneity and immunotherapy resistance in cancer

12:30 pm **LUNCH BREAK**

DAY 1 - November 4th

2nd SESSION : CELL BIOLOGY, INFECTION and IMMUNITY

- 1:45 pm** **Camille Gorlt** - Centrosomal vs. Golgi microtubules: key players in osteoclast formation and function ?
- 2:00 pm** **Léa Ravon-Katossky** - Innate immune sensing of bacterial-induced genotoxicity by SLFN11-driven ribotoxic stress response
- 2:15 pm** **Alex Prigent** - Tumor associated high endothelial venules (TA-HEVs) : major gateways for B cell infiltration in tumors and tertiary lymphoid structures ?
- 2:30 pm** **Margaux Paradis** - Host regulatory mechanisms of the human NLRP1
- 2:45 pm** **2nd Year Phd students FLASH PRESENTATIONS**
- 3:00 pm** **POSTER SESSION 2 and Coffee Break**

3rd SESSION : MICROBIOLOGY

- 3:45 pm** **Chérine Mehalla** - Deciphering the mode of action of bioinspired lipidic compounds as promising antituberculosis drugs
- 4:00 pm** **Chloé Garcia-Labaig** - Development and validation of a mixed *M. abscessus*/*P. aeruginosa* biofilm model for the study of new antibiofilm compounds in the context of cystic fibrosis
- 4:15 pm** **Rathies Ravindra** - Development of new anti-biofilm agents for the treatment of cystic fibrosis-related infections

4:30 pm



KEYNOTE SPEAKER : Pr. Melanie BLOKESCH, EPFL, Lausanne, Switzerland

Defense mechanisms of *Vibrio cholerae* against mobile genetic elements

5:30 pm **END OF THE DAY**

DAY 2 - November 5th

4th SESSION : STRUCTURAL BIOLOGY and BIOPHYSICS

- 9:00 am** **Amélie Bosc-Rosati** - Proteasome puzzle : exploring proteasome mutations in neurodevelopmental disorders
- 9:15 am** **Maurine Marteau** - Structural MS to decipher the interaction of BAM with the lipoprotein DolP
- 9:30 am** **Julien Rizet** - TagInhA : towards the discovery of direct inhibitors of *Mycobacterium tuberculosis* and *Mycobacterium abscessus* InhA by protein-templated fragment ligations
- 9:45 am** **Dylan El Faudel** - Design inhibitors of phosphopantetheinyl transferases of pathogenesis bacteria
- 10:00 am** **POSTER SESSION 3 and Coffee Break**

10:45 am

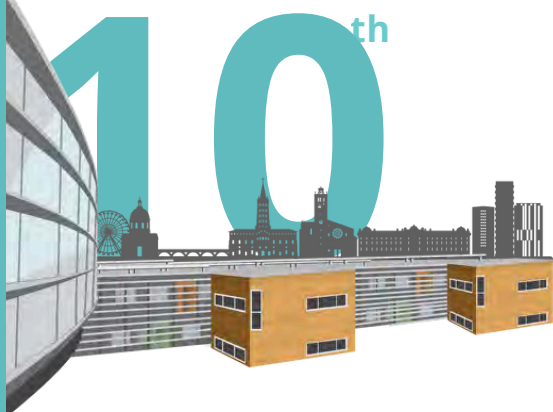


KEYNOTE SPEAKER : Pr. Eric Crubézy, Centre for Anthropobiology and Genomics of Toulouse, France

From bones to remedies : exploring ancient treatments from orthopedics to pharmacology

11:45 pm **CLOSING REMARKS and PRIZES**

12:00 pm **END OF THE SYMPOSIUM**



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