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de France



**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 : Dr. 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



**KEYNOTE SPEAKER : Pr. Bernhard KUSTER,**  
**Technical University of Munich, Germany**

Proteomics as a molecular diagnostic in molecular tumor boards

10:00 am

**Amélie Bosc-Rosati** - Proteasome puzzle : exploring proteasome mutations in neurodevelopmental disorders

10:15 am

**Maurine Marteau** - Structural MS to decipher the interaction of BAM with the lipoprotein DolP

10:30 am

**Julien Rizet** - TagInhA : towards the discovery of direct inhibitors of *Mycobacterium tuberculosis* and *Mycobacterium abscessus* InhA by protein-templated fragment ligations

10:45 am

**Dylan El Faudel** - Design inhibitors of phosphopantetheinyl transferases of pathogenesis bacteria

11:00 am

**POSTER SESSION 3 and Coffee Break**

11:45 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

12:45 pm

**CLOSING REMARKS and PRIZES**

1:00 pm

**END OF THE SYMPOSIUM**

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