

**Annual Conference - SBM  
November 26<sup>th</sup>, 2019 - University of  
Bordeaux,  
Agora - Domaine du Haut Carré**

**PROGRAM**

8h30-8h50: Welcome and registration

8h55-9h00: Introduction - **Alain-Pierre Gadeau**

9h00-10h00: Scientific session #1 (15 min talks + 5 min questions)

(Chairmen: Aksam Merched and Lornella Seeneevassen)

- **Candice Chapouly** (INSERM U1034)

“The gliovascular unit, a tale of two barriers”

- **Antoine Italiano** (INSERM U1218, UNICANCER, Bergonié)

“Integrative characterization of undifferentiated pleomorphic sarcomas: biological and clinical implications”

- **Océane Martin** (INSERM U1053)

“Role of Nrf2 in gastric carcinogenesis associated with *Helicobacter pylori* infection”

10h00-10h20: Flash poster presentations

- **Julian BOUTIN** (U1035) - « *Safety concerns regarding CRISPR-Cas9 editing in red blood cell hereditary diseases* »
- **Pauline BOUGARAN** (U1034) - « *ROR2 regulates endothelial planar cell polarity and inflammatory profile under flow conditions* »
- **Solène FERNANDEZ** (U1035) - « *Molecular profiling of Midostaurin-resistant leukemic cells using CRISPR-Cas9 screening* »
- **Audrey SEMONT** (LYRIC) - « *Implication of mitochondrial Reactive Oxygen Species production in cardiomyocyte signaling and cardiac rhythm* »
- **Gro ROSLAND** (IBGC) - « *Epithelial to mesenchymal transition (EMT) is associated with attenuation of succinate dehydrogenase (SDH) in breast cancer, through reduced expression of SDHC* »

10h20-10h35: Coffee break

10h35-11h15: Poster session (even numbers)

11h15-12h30: Scientific session Young Researcher #2 (10 min talks + 5 min questions)

(Chairwomen: Malak Alannan and Esra Karatas)

- **Nathalie YARED** (Umr 5164) - « *Memory role of  $\gamma\delta$  T cells in the immune response against Murine Cytomegalovirus* »
- **Sarah GUIMBAL** (U1034) - « *Mast cells participate in the development of diastolic dysfunction in diabetic obese mice* »
- **Nicola MOSCA** (U1035) - « *LHX2 is a new inhibitor of Wnt signaling and a robust tumor suppressor in adult and pediatric liver cancers* »
- **Marie-Julie Nokin** (U1218) - « *Targeting acquired vulnerabilities in drug resistant BRAFV600E lung adenocarcinoma (LUAD) patients.* »
- **Pauline JEANJEAN** (IMOTION) - « *Imaging magnetic hyperthermia for tumor ablation and tumor microenvironment mild hyperthermia* »

12h30-14h00: Lunch break

13h30-14h00: Poster session (odd numbers)

14h00-15h00: Keynote

- **Pr. Christoph Becker-Pauly** (University of Kiel, Germany)

"Increased activity of mepirin proteases leads to terminal differentiation of keratinocytes and septic shock".

(Chairman : Aksam Merched)

15h00-16h00: Scientific session #3 (15 min talks + 5 min questions)

(Chairwomen : Marie-Lise Bats and Candice Chapouly )

- **Thibaud Renault** (UMR 5234)  
"Engineering bacterial nanomachines for biotechnology"

- **Thomas Daubon** (IBGC)

“Lactate as a Key Metabolite of Glioblastoma Development”

- **Julien Seneschal** (U1035)

“Connecting inflammation to depigmenting disorders”

*16h00-16h20: Coffee break*

16h20-16h50: Technology session,

- XenoFish: Xenopus – Pierre Thiebaut / Zebrafish – Géraldine Siegfried.
- Xens Xstrahl Irradiator

16h50-17h30: Scientific session #4 (15 min talks + 5 min questions)

(Chairmen: David Santamaria and Angela Pappalardo)

- **Sophie Javerzat** (U1211)

“Phenocopying new mutations for human oculocutaneous albinism in model organisms”

- **Olivier Mansier** (U1034)

“A new knock-in mouse model of JAK2V617F myeloproliferative neoplasms : characterization and applications”

17h30 Award winners