

# 3<sup>rd</sup> colloquium of Fundamental Research in Pediatric Oncology in Bordeaux

## Thursday 12 December

14:00 **Welcoming and Introduction.** Marie Castets - Christophe Grosset

### Session 1

Chairmen : Marie Castets - Christophe Grosset

- 14:10 **Carolina Armengol** (IGTP, Barcelona) Invited Speaker  
*Hepatoblastoma and the PHITT project.*
- 14:55 **Cédric Maurange** (UMR7288, Marseille) Selected Speaker  
*Coopted temporal patterning governs cellular hierarchy, heterogeneity and metabolism in Drosophila neuro-developmental tumors.*
- 15:15 **Marina Pierrelvein** (UMR7021, Strasbourg) Selected Speaker  
*Hypoxia involvement in pediatric osteosarcomas and its recreation in 2D and 3D preclinical models.*
- 15:35 Sponsor presentation : **NEB**

15:50-16:10 **Coffe break**

### Session 2

Chairmen : Béatrice Turcq - Stéphane Ducassou

- 16:10 **Valérie Castellani** (Institut NeuroMyoGène, Lyon) Invited Speaker  
*Generating human tumors and derived metastasis in targeted tissues of the avian embryo: a paradigm to investigate the interplay between tumoral cells and the embryonic microenvironment for cancers with prenatal origin.*
- 16:40 **Sandrine Valsesia-Wittmann** (UA8, Lyon) Selected Speaker  
*Repurposing Rotavirus Vaccines for Intratumoral Immunotherapy can overcome Resistance to Immune Checkpoint Blockade through RIG-I activation.*
- 17:00 **Marie Castets** (CRCL, Lyon) Selected Speaker  
*Induction of TLR3-dependent cell death in caspase-8 deficient neuroblastoma cells.*
- 17:20 **Quentin Bailleul** (U908, Lille) Selected Speaker  
*Impact of H3.3K27M mutation on Diffuse Intrinsic Pontine Glioma's resistance to treatment.*

17:40-18:10 **Break**

Session **in french** for all  
**Cancers de l'enfant :**  
**Quoi d'neuf Doc ?**

**18:10-18:40**

#### La parole aux doctorants

Repositionnement de drogues.  
Jeremy Arieu-Bonnet, (UMR7258, Marseille)  
Hétérogénéité tumorale et approche single cell.  
Mélanie Lavaud, (UMR1238, Nantes)  
Identité des tumeurs par séquençage et médecine personnalisée.  
Paul Huchedé, (U1052, Lyon)

**18:40-19:00**

#### La parole à l'expert

Spécificités des cancers pédiatriques.  
Stéphane Ducassou  
(CHU/ Inserm U1218, Bordeaux)

**19:00-19:30**

#### Débat général

Échanges associations/chercheurs/public

19:30 **Cocktail apéritif**

## Friday 13 December

### Session 3

Chairmen : Françoise Rédini - Patrick Auguste

- 09:00 **Gilles Pagès** (IRCAN, Nice) Invited Speaker  
*Towards the development of new therapeutic strategies for medulloblastoma.*
- 09:30 **Malak Alannan** (U1035, Bordeaux) Selected Speaker  
*Novel Lipid-Modulating Role of Meprin a in Liver Cancer.*
- 09:50 **Maillys Rossi** (UMR7258, Marseille) Selected Speaker  
*Repositioning of beta-blockers as anticancer agents for the treatment of medulloblastoma : new hope for children with high-risk brain tumors?*
- 10:10 Sponsor presentation : **Active Motif**

10:25-11:00 **Coffe break**

### Session 4

Chairmen : Véronique Trézéguet - Aksam Merched

- 11:00 **Raj Sewduth** (VIB, Ghent) Selected Speaker  
*Role of Lztr1 inactivation in schwannomatosis versus Noonan syndrome.*
- 11:20 **Chloé Dhunputh** (U1218, Bordeaux) Selected Speaker  
*Combination of the CDK4/CDK6 inhibitor palbociclib and the mTOR inhibitor everolimus in childhood T-lineage acute lymphoblastic leukemia with CDKN2A/2B deletion and/or PTEN loss.*
- 11:40 **Nicola Mosca** (U1035, Bordeaux) Selected Speaker  
*Role of LHX2 in hepatoblastoma.*

12:00-14:30 **Lunch + Poster session**

Chairmen : Véronique Trézéguet - Aksam Merched

- 14:30 **Giuseppe Gasparre** (CRBA, Bologna) Invited Speaker  
*How twisting cancer cell metabolism may affect macrophages.*

- 15:15-15:30 **Award winners, concluding remarks and conference ending.**  
Marie Castets - Christophe Grosset