

3rd 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 **Nicola Mosca** (U1035, Bordeaux) Selected Speaker
Role of LHX2 in hepatoblastoma.
- 15:35 Sponsor presentation : **NEB**

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

Session 2

Chairmen : Béatrice Turcq - Célio Pouponnot

- 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 **Olivier Ayrault** (Institut Curie, Paris) Invited Speaker
Using quantitative proteomics to decipher the biology of medulloblastoma.
- 17:10 **Cecile Thirant** (U830, Paris) Selected Speaker
Neuroblastoma tumor heterogeneity and cell plasticity.
- 17:30 **Quentin Bailleul** (U908, Lille) Selected Speaker
Impact of H3.3K27M mutation on Diffuse Intrinsic Pontine Glioma's resistance to treatment.

17:50-18:10 **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)

19:00-19:30

Débat général

Échanges associations/chercheurs/public

La parole à l'expert

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

18:40-19:00

Friday 13 December

Session 3

Chairmen : Françoise Rédini - Patrick Auguste

- 08:30 **Gilles Pagès** (IRCAN, Nice) Invited Speaker
Towards the development of new therapeutic strategies for medulloblastoma.
- 09:00 **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.
- 09:20 **Quentin Fuchs** (UMR7213, Strasbourg) Selected Speaker
HIF2 in pediatric high grade glioma and its targeting.
- 09:40 **Maïlys 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?
- 10:00 Sponsor presentation : **Active Motif**

10:15-10:35 **Coffe break**

Session 4

Chairmen : Isabelle Janoueix - Stéphane Ducassou

- 10:35 **Françoise Pflumio** (U1274, Fontenay-aux-Roses) Invited Speaker
T-ALL chemoresistance: also a question of bone marrow microenvironment and oxygen levels?
- 11:05 **Franck Bourdeaut** (Institut Curie, Paris) Invited Speaker
Mouse models to unveil the mysteries of rhabdoid tumors.
- 11:35 **Sandrine Valsesia-Wittmann** (UA8, Lyon) Selected Speaker
Repurposing Rotavirus Vaccines for Intratumoral Immunotherapy can overcome Resistance to Immune Checkpoint Blockade through RIG-I activation.
- 11:55 **Kathrin Weber** (CRCL, Lyon) Selected Speaker
Induction of TLR3-dependent cell death in caspase-8 deficient neuroblastoma cells.

12:15-14:30 **Lunch + Poster session**

Session 5

Chairmen : Véronique Trézéguet - Aksam Merched

- 14:30 **Giuseppe Gasparre** (CRBA, Bologna) Invited Speaker
How twisting cancer cell metabolism may affect macrophages.
- 15:15 **Clémence Deligne** (EA2465, Lens) Selected Speaker
Understanding DIPG chemoresistance using a human in vitro model of the blood-tumor barrier.
- 15:35 **Raj Sewduth** (VIB, Ghent) Selected Speaker
Role of Lztr1 inactivation in schwannomatosis versus Noonan syndrome.
- 15:55 **Marina Pierrelvein** (UMR7021, Strasbourg) Selected Speaker
Hypoxia involvement in pediatric osteosarcomas and its recreation in 2D and 3D preclinical models.

16:15-16:25 **Concluding remarks and conference ending.** Marie Castets - Christophe Grosset