2nd

26-27th
2017
Montpellier, Genopolys

SCIENTIFIC COMMITTEE
E. Charafe-Jauffret - CRCM, Marseille
C. Ginestier - CRCM, Marseille
J. Pannequin - IGF, Montpellier
JM. Pascussi - IGF, Montpellier
T. Virolle - IBV, Nice

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Genopolys,
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STEM CELLS & CANCER
SUNRISE MEETING
MONDAY JUNE 26th

12:30 pm Welcome Coffee
1:35 pm Opening and Welcome by the scientific committee
E. Charafe-Jauffret, C. Ginestier, J. Pannequin, J.M. Pascussi, T. Virolle

1:45 pm SESSION 1 - TARGETING CANCER STEM CELLS
Opening Lecture - Targeting Breast Cancer Stem Cells: Challenges and Opportunities
- Max WICHA, University of Michigan Comprehensive Cancer Center, Ann Arbor, USA

2:25 pm MET inhibition overcomes radiation resistance of glioblastoma stem-like cells
- Francesca DE BACCO, Institute for Cancer Research at Cardiolo, Italy

2:40 pm CXCL1 and CCL5, induced by ionizing radiation, reprogram non-tumorigenic cancer cells into cancer stem cells in breast cancer
- Chann LAGADEC, INSERM U908, Lille, France

3:10 pm miR-146a inhibits colon cancer stem cell properties by targeting Pregnan X - Receptor signaling
- Chris PLANQUE, Institute for Functional Genomics, Montpellier, France

3:25 pm Breast cancer stem cells resist to DNA replication stress by promoting homologous recombination
- Violette AZZONI, Cancer Research Centre of Marseille, France

3:40 pm Smart screening libraries and successful medicinal chemistry
- Marie-Louise JUNG, Prestwick Chemical, Ilkirch, France

3:55-4:40 pm Coffee break

4:40 pm SESSION 2 - TRANSITION BETWEEN NORMAL AND MALIGNANT TISSUE
Lecture: Clonal analysis during embryonic mammary gland development reveals the existence of unipotent stem cells that retain long-term plasticity
- Silvia FRE, Curie Institute, Paris, France

5:20 pm s-SHIP promoter expression identifies a putative cancer stem cell population in C3(1)/Tag murine mammary tumors - Lu TIAN, Institute of Biology, Lille, France

5:35 pm Cancer stem cell regulatory mechanisms change during skin squamous cell carcinoma progression - Purificación MUÑOZ, Bellvitge Biomedical Research Institute, Barcelona, Spain

5:50 pm BMPs and pollutants: a dual perverse effect on both mammary epithelial stem cells and their niche - Véronique MAGUER-SATTA, Cancer research Center of Lyon, France

6:05 pm Lecture: RAF signaling in melanocyte stem cells and melanoma
- Alain EYCHEN, Curie Institute, Paris, France

7:00 pm Optional: Bus departure - Visit and Cocktail – “Puech-Haut” Wine Estate

TUESDAY JUNE 27th

8:00-8:30 am Coffee

8:30 am SESSION 3 - CLINICAL/INDUSTRIAL POINT OF VIEW
Lecture: Effects of FAK Inhibition on Cancer Stem Cells and the Tumor Microenvironment
- Jonathan PACHTER, Verastem Inc., Boston, USA

9:10 am Radioresistance of Glioblastoma stem cells: when results from the bench explain clinical observations
- Elizabeth Cohen-Jonathan Moyal, Cancer Research Center of Toulouse, France

9:40 am Use of 3D spheroid cultures to screen for drugs targeting cancer stem cells
- Olaz LEIS ESNALOA, Stemfel Therapeutics, Derio, Spain

9:55 am The dependence receptor paradigm: from bizarre cell death mechanism to targeted therapy
- Patrick Mehien, Cancer research Centre of Lyon, France

10:15 am Input of the new CNRS policy (= focus transfer ->) on the technology transfer in the CSC field
- Emmanuelle Le Coz-Ha-Vy PauGAM, France Innovation Scientifique et Transfert (FIST) SA, Paris, France

10:30-11:00 am Coffee break

11:00 am SESSION 4 - CSC AND THEIR MICROENVIRONMENT
Lecture: The cancer cell niche, how well do we know the cancer cells’ neighbours?
- Ilaria MALANCHI, The Francis Crick Institute, London, UK

11:40 am Coupling of GABA metabolism and regulation of DNA epigenetic marks controls stem and proliferative cell state in glioma
- Marie-Pierre JUNIER, Neuroscience Laboratory, Paris, France

11:55 am MSC-like cells derived from osteosarcoma biopris: tumor-initiating or -stomal cells?
- Valérie TRICHE, University of Nantes, France

12:10-2:00 pm Poster session and lunch

2:00 pm SESSION 5 - GENERAL & EMERGING CONCEPTS
Lecture: Differentiation therapy inhibits colorectal cancer by counteracting stem cell traits
- Joerg HUELSKEN, ISREC, Lausanne, Swiss

2:40 pm Cell-based therapy using miR-302-367 expressing cells represses glioblastoma development
- Fabien ALMAIRAC, Institute of biology Valrose, Nice, France

2:55 pm An iron hand over cancer stem cells
- Raphael RODRIGUEZ, Curie Institute, Paris, France

3:10 pm Bivalent signalling controls stem cell self-renewal and coordinated differentiation
- Fabrice LAVIAL, Cancer Research Center of Lyon, France

3:40 pm Rad18 is essential for glioblastoma maintenance
- Domenico MAIORANO, Institute of Human Genetics, Montpellier, France

3:55 pm Closing Lecture: Dynamic Complexity of Glioma Stem Cells
- Jérémie RICH, Department of Medicine, Division of Regenerative Medicine, University of California, San Diego, USA

4:35 pm Poster award, End of the meeting