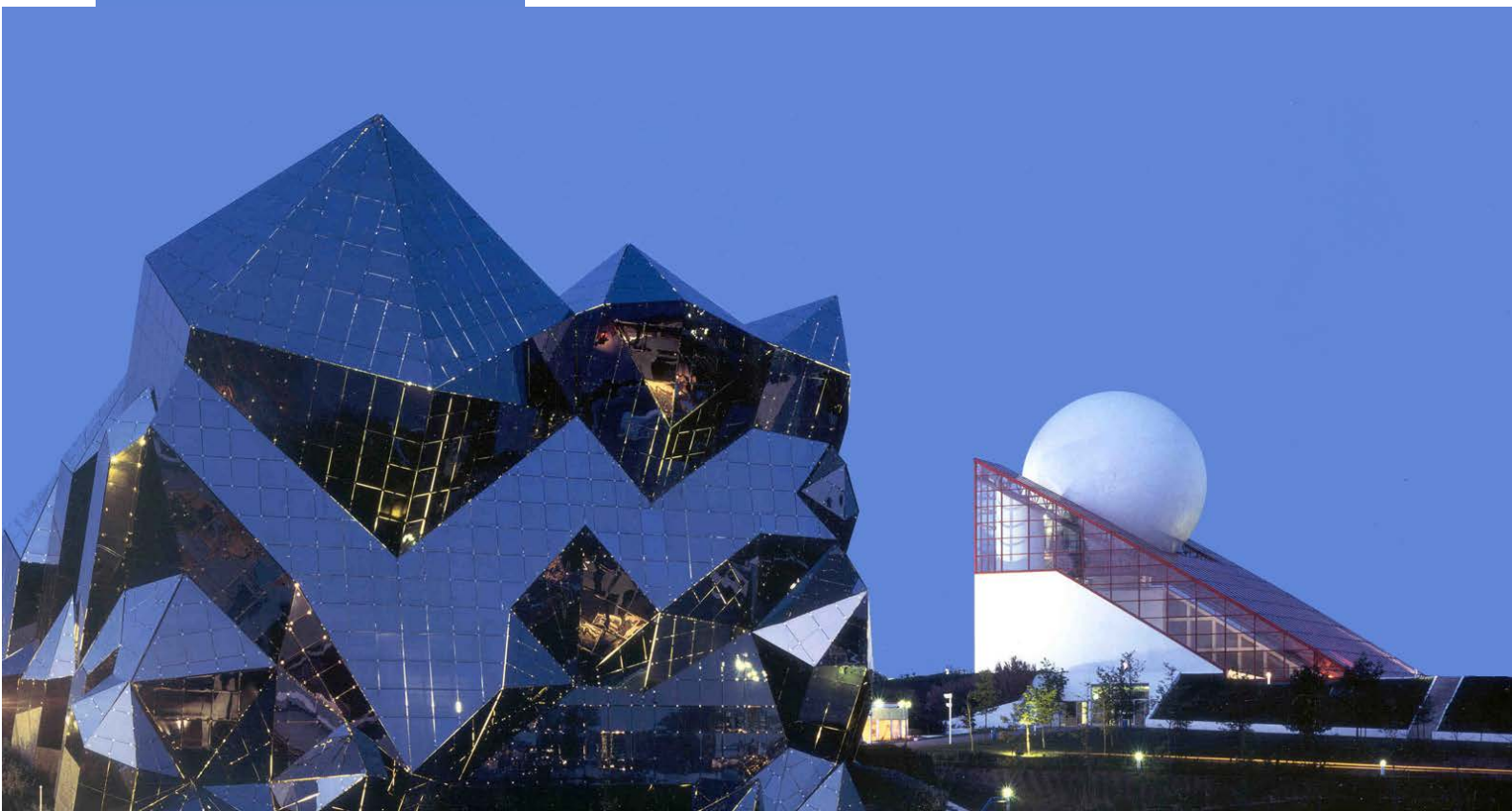


13^{èmes}

Journées Cancéropôle Grand Sud-Ouest

15 au 17 Novembre 2017

Palais des Congrès Futuroscope / Poitiers



PROGRAM

Wednesday 15th November

Welcome lunch 12h30 – 14h00

Coffee break & Posters session 16h00 – 17h00

14h00-16h00: 3 parallel workshops

CELL CYCLE AND CANCER



Chairs: Malik LUTZMANN, Martin TEICHMANN

Lecture: **Revealing the consequences of human centromere dysfunction** - **Daniele FACHINETTI**
Curie Institute (Paris)

- A new pathway controlling DNA replication in human cells - **Anna CASTRO** – *Montpellier Cell Biology Research Center (Montpellier)*
- Self-organization during cell cycle-dependent polarity axis establishment - **Derek McCUSKER** – *Biochemistry and Cellular Genetics Institute & IECB (Bordeaux)*
- A new role for the E3 ubiquitin ligase TRIP12 in mitosis and genomic stability in human pancreatic cancer - **Dorian LARRIEU** - *Cancer Research Center of Toulouse (Toulouse)*
- A novel mode of sister chromatid cohesion controlled by cohesin phosphorylation - **Jean-Paul JAVERZAT** – *Biochemistry and Cellular Genetics Institute (Bordeaux)*

THERAPEUTIC TARGETING, TUMOR VECTORIZATION



Chairs: Véronique GIGOUX, Vincent SOL

Lecture: **Targeted nanotherapy of cancers by magnetic intra-lysosomal hyperthermia (MILH)** – **Véronique GIGOUX**
Laboratory of Physics and Chemistry of Nano-Objects (Toulouse)

- From Molecular Programming to the Selective Delivery of Anticancer Drugs - **Sébastien PAPOT** - *Institute of Chemistry: Materials and Natural Resources (Poitiers)*
- New insights into diagnosis and therapeutic options for proliferative hepatoblastoma - **Christophe GROSSET** - *Biotherapy for genetic diseases, inflammation and cancer (Bordeaux)*
- Exploring a new function for cytidine deaminase in pancreatic cancer metabolism - **Audrey FRANCES** - *Cancer Research Center of Toulouse (Toulouse)*
- Cytogenetic, molecular responses and survival improvement in chronic myeloid leukemia patients in chronic phase over a 20 years period of research - **François GUILHOT** - *University Hospital (Poitiers)*

DEPISTAGE



Modération : Annie SASCO

Conférence : **Les enjeux du dépistage** – **Andréas ULLRICH**
Organisation Mondiale de la Santé (Genève)

- Rôle des professionnels de santé dans l'information donnée aux femmes dans le cadre du dépistage - **Caroline TOURNOUX FACON & Isabelle INGRAND** - *Structure de gestion des dépistages organisés des cancers dans la Vienne et Unité de biostatistique et d'épidémiologie (Poitiers)*
- Regards croisés sur l'efficacité d'une intervention personnalisée dans le dépistage ciblé du cancer colorectal - **Ludovic GAUSSOT & Isabelle INGRAND** *Unité de biostatistique et d'épidémiologie et laboratoire GRESCO (Poitiers)*
- Rôle des inégalités sociodémographiques sur la survie des femmes ayant un cancer du sein selon leur participation au dépistage - **Marie POISEUIL** - *Registre général des Cancers de la Gironde (Bordeaux)*

17h00-19h00: 3 parallel workshops

CHROMATIN DYNAMICS AND CANCER



Chairs: Kerstin BYSTRICKY, Stefania MILLEVOI

Lecture: **Epigenome maintenance in response to DNA damage** - **Sophie POLO**
Epigenetics and Cell Fate Center (Paris)

- Transcription termination and genome organisation - **Jean-Christophe ANDRAU** - *Institute of Molecular Genetics of Montpellier (Montpellier)*
- Quantitative analysis of chromatin complexes dynamics at sub-diffraction resolution during transcription – **Kerstin BYSTRICKY** – *Laboratory of Eukaryotic Molecular Biology / Integrative Biology Center (Toulouse)*
- An epistatic relationship between CDX2 and histone variant H2A.Z controls the intestinal epithelial cell fate - **Jérémie RISPAL** - *Laboratory of Eukaryotic Molecular Biology / Integrative Biology Center (Toulouse)*
- Nuclear Matrix Attachment Regions and their binding proteins in targeting AID-driven "off target" mutations - **Eric PINAUD** – *Control of B Immune Response and Lymphoproliferations (Limoges)*

THERAPEUTIC TARGETING, TUMOR VECTORIZATION AND RADIOTHERAPY



Chairs: Carmen LLACER, Guy KANTOR

Lecture: **The theranostic "Image and Treat" approach in nuclear medicine** - **Elif HINDIE**
University Hospital (Bordeaux)

- Hafnium oxide nanoparticles as an emergent promising treatment for solid tumors - **Mikaela DIMITRIU** - *Nanobiotix (Paris)*
- Phase I clinical trial for radiosensitization of multiple brain metastases with AGuX nanoparticles: preliminary results - **Camille VERRY** - *University Hospital (Grenoble)*
- 177Lu-lilotomab is more efficient than rituximab in the therapy of non-Hodgkin B lymphoma cells showing reduced Wee1-mediated phosphorylation of CDK1 – **Alexandre PICHARD** - *Cancer Research Institute of Montpellier (Montpellier)*
- Discoidin Domain Receptor 2 (DDR2) involvement in matrix degradation in a tumor neo-angiogenesis context - **Aya ABOU HAMMOUD** - *Bordeaux Research in Translational Oncology (Bordeaux)*

RELATION MEDECIN - MALADE ET PRISE EN CHARGE



Modération : Dolores ALBARRACIN

Conférence : **« Je t'écoute... moi non plus ». à propos de la communication médecin patient** - **Christine REYNAERT**
Université catholique de Louvain (Louvain)

- Ethiques et soins palliatifs : la perception des médecins des directives anticipées de leurs patients - **Stéphane JOUFFRE et Dolores ALBARRACIN** - *CERCA et CAPS (Poitiers)*
- Analyse de la relation médecin/patient/proche dans le cadre de l'annonce d'une "mauvaise nouvelle" en oncologie - étude BABEL - **Estelle LAURENT** – *Laboratoire GRESCO (Poitiers)*
- Obstacles aux soins et à la prise en charge du cancer des personnes déficientes intellectuelles - **Sarah HABIB-HADEF** – *Oncodéfi (Montpellier)*

Thursday 16th November

Welcome coffee 08h00 – 08h30

Lunch break & Posters session 12h30 – 14h30

TUMOR HETEROGENEITY

08h30-10h30: THE DIFFERENT SIDES OF TUMOR HETEROGENEITY

Chairs: Karine DURAND, Daniel FISHER

- Beyond the genetic intra-tumoral heterogeneity of Sarcomas - **Frédéric CHIBON** - Cancer Research Center of Toulouse (Toulouse)
- A new promising marker for CTCs with CSC properties ? - **Guillaume BELTHIER** - Institute for Functional Genomics (Montpellier)
- Involvement of discoidin domain receptor 1 and 2 in resistance during melanoma - **Margaux SALA** - Bordeaux Research in Translational Oncology (Bordeaux)
- Cancer-Associated Fibroblasts: Tumor Allies and Foes - **Andréi TURTOI** - Institute of Cancer Research of Montpellier (Montpellier)

Coffee break 10h30-11h00

11h00-12h30: SINGLE CELL TECHNOLOGY

Chairs: Eric JULIEN, Anne-Marie GUE

Lecture: **Using image-omics to understand how changes in cell shape drive cancer** - **Chris BAKAL**
Institute of Cancer Research (London, UK)

- Chromatin-encoded transcriptional memory: novel insights from single-cell omics - **Olivier CUVIER** - Center for Integrative Biology (Toulouse)
- Prodding single leukemia cells with nanoprobe provides cancer clues - **Françoise ARGOU** - Waves and Matter Laboratory of Aquitaine (Bordeaux) and Physics Laboratory (Lyon)
- What to expect from scRNASeq analyses ? - **Jean-Jacques FOURNIE** - Cancer Research Center of Toulouse (Toulouse)

14h30-16h00: PRECISION MEDICINE: TO GO WHERE?

Chairs: Gilles FAVRE, David TOUGERON

Lecture: **Targeting dependence receptors: from a cell biology paradigm to clinical trial** - **Patrick MEHLEN**
Cancer research Centre of Lyon (Lyon)

- Multiparametric and multimodality imaging for prognostic and predictive modeling in oncology - **Catherine CHEZE LE REST** - University Hospital (Poitiers)
- The expression pattern of PD-L1 and PD-L2 in diffuse large B-cell lymphoma, leg type underscores pitfalls of routine immunohistochemical assessment - **Jean-Philippe MERLIO** - Bordeaux Research in Translational Oncology / University Hospital (Bordeaux)
- KRASIPANC: Prognostic and predictive value of circulating DNA in unresectable pancreatic adenocarcinoma - **Camille EVRARD** - University Hospital (Poitiers)

Coffee break 16h00-16h30

16h30-18h30: PRECISION MEDICINE: TO GO WHERE?

Chairs: Gilles FAVRE, Philippe GORY

Lectures: **Fabrice ANDRE**
Institut Gustave Roussy (Paris)

Sophie DAY
Imperial College (London)

Isabelle DURAND-ZALESKI
Assistance publique – Hôpitaux de Paris (Paris)

Round table

SESSIONS



11h00-12h30 : RELATION MEDECIN - MALADE ET PRISE EN CHARGE

Modération : Annie SASCO

Conférence : **Entre enjeux théoriques et transformations sociétales: la confiance dans la relation médecin-patient** - **Raphaël HAMMER**
HESAV (Lausanne)

- Choisir et vivre son traitement contre le cancer quand on est âgé et polyopathologique - **Annick Tijou-Traoré** - Les Afriques dans le Monde (Bordeaux)
- La relation soignant-e-s / soigné-e-s au prisme du genre - **Anita MEIDANI & Arnaud ALESSANDRIN** - LISST & Centre Émile Durkheim (Toulouse, Bordeaux)

14h30-16h00 : CHRONICITE ET GUERISON

Modération : Dolorès ALBARRACIN

Conférence : **Le Cancer, une maladie chronique? Ou l'impossible guérison** - **Angélique BONNAUD-ANTIGNAC**
Institut de Cancérologie de l'Ouest & Inserm (Nantes)

- L'expérience de la maladie chronique - éducation thérapeutique, insertion, socialisation - **Ludovic Gaussoit GRESCO** (Poitiers)
- Autonomie et chronicité - **David Saint-Marc** Centre Émile Durkheim (Bordeaux)



Friday 17th November

Welcome coffee 08h00 – 08h30

Coffee break 10h15 – 10h45

08h30-10h15: 2 parallel workshops

TUMOR NICHE AND MICROENVIRONMENT



Chairs: Bruno CONSTANTIN, Julie PANNEQUIN

Lecture: **Tumour-host interactions in Glioblastoma** - Simone P. NICLOU
Luxembourg Institute of Health (Luxembourg)

- Dissemination of prostate cancer: a way paved of fat - Catherine MULLER - *Institute of Pharmacology and Structural Biology (Toulouse)*
- Functional invadopodia formed in glioblastoma stem cells drive tumor angiogenesis - Christos PETROPOULOS – *University Hospital / Clinical and Experimental Neurosciences Laboratory (Poitiers)*
- T helper 9 lymphocytes in cancer - Nicolas LARMONIER - *Immunology from Concept and Experiments to Translation (Bordeaux)*
- Oncostatin M promotes tumor progression in skin squamous-cell carcinoma - Marie SIMONNEAU - *Inflammation, Epithelial Tissus and Cytokines Laboratory (Poitiers)*

HIGH-RESOLUTION IMAGING & CANCER



Chairs: Laurent COGNET, Franck COUILLAUD

Lecture: **The enigmatic role of lipids for membrane protein interactions: a microscopist's point of view** - Gerhard SCHUTZ
Technical University (Vienna)

- Multimodal imaging under supercontinuum illumination and electric field stimulation - Philippe LEPROUX - *XLim (Limoges)*
- Quantitative Phase Imaging, from white light imaging to fluorescence super-resolution - Pierre BON - *Institut Optique Graduate School (Talence)*
- Quantitative analysis of chromatin complexes dynamics at sub-diffraction resolution during transcription - Haitham SHABAN - *Laboratory of Eukaryotic Molecular Biology / Integrative Biology Center (Toulouse)*
- Quantitative optical microscopy of infrared nano-markers for cancer tissue characterization - Laurent COGNET - *Institut Optique / Photonics, Numeric and Nanosciences Laboratory (Talence)*

10h45-12h15: **METASTATIC DISEASE**

Chair: Julie PANNEQUIN

Lecture: **PI3K-driven survival of colorectal cancer stem cells is overcome by MAPK inhibition** - Giorgio STASSI
University of Palermo, School of Medicine (Palermo)

- Metastatic activity of the receptor tyrosine kinase for collagens DDR1 in colorectal cancer - Serge ROCHE – *Montpellier Cell Biology Research Center (Montpellier)*

12h15-12h30: **POSTER AWARDS SESSION**

Lunch 12h30-14h00

Save the date !!!



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Ces journées bénéficient du soutien de :



NOVARTIS

