



CENTRE DE RECHERCHE EN CANCÉROLOGIE DE LYON
UMR Inserm 1052 CNRS 5286
Centre Léon Bérard

2nd International Symposium of the Cancer Research Center of Lyon

21-23 September 2015 | *Convention Center, Lyon, France*



Final program



Université Claude Bernard



Lyon 1

 **Inserm**
Institut national
de la santé et de la recherche médicale



CENTRE
DE LUTTE
CONTRE LE CANCER
**LEON
BERARD**



Monday 21st September 2015 *amphithéâtre Lumière*

8am	Registration and welcome coffee
10.00am	Opening: Alain Puisieux, CRCL Director (Lyon, France)
10.15am	Keynote lecture : Gerard Evan (Cambridge, UK) <i>Sponsored by EACR</i> "Targeting cancer's engines, not its drivers" <u>45 minutes including questions</u> Introduction
11.00am	<u>Cancer Cell Plasticity and Intra-Tumor Heterogeneity</u> <i>Moderators: Gerard Evan – Laurent Bartholin</i> - Angela Nieto (<i>Institute of Neurosciences (CSIC-UMH) San Juan de Alicante, Spain</i>) <u>20 min + 10 min questions</u> "Evolutionary pressure to maintain epithelial homeostasis in health and disease" - Fabrice Laval (<i>Cancer Research Center of Lyon, France</i>) <u>10 min + 5 min questions</u> "Netrin-1 regulates somatic cell reprogramming and pluripotency maintenance" - Owen Sansom (<i>Beatson Institute for Cancer Research, Glasgow, UK</i>) <u>20 min + 10 min questions</u> "Investigating the role of TGFβ signalling in colorectal cancer" - Alain Mauviel (<i>Institut Curie, Paris, France</i>) <u>10 min + 5 min questions</u> "Cell density sensing alters TGFβ signaling in a cell type-specific manner, independent from hippo pathway activation" <p style="text-align: center;">Lunch break Poster session</p> <i>Moderators: Cédric Blanpain – Claude Caron de Fromental</i> - Thanos Halazonetis (<i>University of Geneva, Switzerland</i>) <u>20 min + 10 min questions</u> "DNA replication stress and cancer" - Alain Puisieux (<i>Cancer Research Center of Lyon, France</i>) <u>20 min + 10 min questions</u> "Expression of EMT inducers in the cell-of-origin determines the natural history of breast tumorigenesis" - Nathan Schachter (<i>Sickkids Research Institute, Toronto, Canada</i>) <u>10 min + 5 min questions</u> "Identifying genes that cooperate with mutant P53 & activated Stat3 in breast cancer" - Celio Pouponnot (<i>Institut Curie, Paris, France</i>) <u>10 min + 5 min questions</u> "Oncogenic role of the retina-specific NRL transcription factor in medulloblastoma" <p style="text-align: center;">Coffee break</p> <i>Moderators: Owen Sansom – Michelina Plateroti</i> - Cédric Blanpain (<i>Université Libre de Bruxelles, Belgium</i>) <u>20 min + 10 min questions</u> <i>Sponsored by WWCR</i> "Cancer cell of origin and tumor heterogeneity" - Céline Lefebvre (<i>Institut Gustave Roussy Villejuif, France</i>) <u>10 min + 5 min questions</u> "Addressing functional intratumor heterogeneity by combining histological and molecular profiling of invasive ductal carcinoma" - Emmanuel Barillot (<i>Institut Curie, Paris, France</i>) <u>10 min + 5 min questions</u> "Multiscale integrative modeling of early tumor invasion mechanisms"
12.30pm	
2.45pm	
4.15pm	
4.45pm	
End	
5.45pm	
	Welcome cocktail

Tuesday 22nd September 2015 amphithéâtre Lumière

8.30am

Immuno-modulation, Immuno-surveillance and Viral Infections

Moderators: Adrian Hayday – Fabien Zoulim

- **Julien Marie** (*Cancer Research Center of Lyon, France*) **20 min + 10 min questions**
“TGFβ signaling in ILC3 prevents spontaneous microbiota-induced colorectal cancer”
- **Shannon Turley** (*Genentech, San Francisco, USA*) **20 min + 10 min questions**
“Regulation of Leukocyte Function and Territoriality by Stromal Cells”
- **Frédérique Vegran** (*Inserm, Dijon, France*) **10 min + 5 min questions**
“NLRP3 is a transcriptional regulator of Th2 differentiation”
- **Ralf Bartenschlager** (*University of Heidelberg, Germany*) **20 min + 10 min questions**
“Hepatitis C virus associated with liver cancer”
- **Nicolas Gourdin** (*Cancer Research Center of Lyon, France*) **10 min + 5 min questions**
“CD39+ Treg cooperate with a CD73-expressing TH1/TH17 subset for adenosine-mediated immunosuppression in breast and ovarian tumors”

10.30am

Coffee break

11.00am

Moderators: Shannon Turley – Christophe Caux

- **Adrian Hayday** (*King’s College London, UK*) **20 min + 10 min questions**
“Learning the language of tissue-T cell communication and exploiting it in cancer”
- **Laetitia Douguet** (*Institut Cochin, Paris, France*) **10 min + 5 min questions**
“Endogenous NOS2 expression promotes proliferation and pro-tumoral properties of gamma delta T cells”
- **Caroline Robert** (*Institut Gustave Roussy, Villejuif, France*) **20 min + 10 min**
“Immunotherapy of cancer: the melanoma model”

12.15pm

Lunch break

Poster Session

2.15pm

Tumor Microenvironment

Moderators: Michael Karin – Virginie Petrilli

- **Judith Campisi** (*Buck Institute for Research on Aging, Berkeley, USA*) **20 min + 10 min**
“Cellular senescence and the tumor microenvironment”
- **Fatima Mechta-Grigoriou** (*Institut Curie, Paris, France*) **10 min + 5 min questions**
“Fibroblast heterogeneity: role in breast cancer pathogenesis and crosstalk with immune checkpoints”
- **Lluis Fajas Coll** (*University of Lausanne, Switzerland*) **20 min + 10 min questions**
“The energy of cancer, dual role for cell cycle regulators”
- **Tatiana Smirnova** (*Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland*) **10 min + 5 min questions**
“Multiple roles of serpine2/PN-1 in breast tumor microenvironment and metastasis”

3.45 pm

Coffee break

Moderators: Judith Campisi – Serge Lebecque

- **Michael Karin** (*University of California, San Diego, USA*) **20 min + 10 min questions**
“Liver inflammation, obesity and cancer”
- **Catherine Muller** (*Institut de Pharmacologie et de Biologie Structurale – IPBS, Toulouse, France*) **10 min + 5 min questions**
“Dissemination of prostate cancer: a way paved of fat”
- **Véronique Maguer-Satta** (*Cancer Research Center of Lyon, France*) **20 min + 10 min questions**
“Disequilibrium of BMP2 levels in the human breast stem cell niche launches epithelial transformation by over-amplifying BMPR1B cell response”

4.15pm

5.30pm


Targeted and Innovative Therapies

Moderators: Yves Pommier – Charles Dumontet

- **Antonio Bertoletti** (*Duke-Nus Graduate Medical School, Singapore*) **20 min + 10 min questions**
“Immunotherapy with T-cells receptor (TCR)-redirected T cells in HBV related HCC”
- **Jean-Marc Egly** (*Institut de Génétique et de Biologie Moléculaire et Cellulaire, Illkirch, France*) **20 min + 10 min**
“Lurbinectedin (PM1183) specifically triggers RNA Pol II degradation in several cancer cells”

End
6:30pm

7.00 pm: Gala dinner at Lyon City Hall

 **Wednesday 23rd September 2015 (morning) amphithéâtre Lumière**

8.30am

Targeted and Innovative therapies

Moderators: Antonio Bertoletti – Pierre Saintigny

- **Jean-Yves Blay** (*Centre Léon Bérard, Lyon, France*) **20 min + 10 min questions** *Sponsored by [Fondation ARC](#)*

“New molecular clinical trials: first results and pending questions”

- **Yves Pommier** (*National Institutes of Health, Bethesda, USA*) **20 min + 10 min questions**

“Chemotherapy, Omics and Precision Medicine”

- **Julien Faget** (*Ecole Polytechnique Fédérale de Lausanne - EPFL, Switzerland*) **10 min + 5 min questions**

“RanKl blockade as a new strategy to treat kras mutant lung adenocarcinoma”

- **Jean-Charles Soria** (*Institut Gustave Roussy, Villejuif, France*) **20 min + 10 min questions**

“Immunotherapies in Non-Small Cell Lung Cancer ”

- **Oliver Thorn-Seshold** (*Ludwig-Maximilians University, Munich, Germany*) **10 min + 5 min questions**

“Optically-controlled tubulin inhibitors as tumour-targeted antimetabolites”

10.30am

EACR – CRCL Poster Prize award

Closing remarks

10.45am

Coffee Break

11.15 am

Modeling of the functional heterogeneity of cellular relationships in tumor ecosystems

Moderators: François Sigaux – Jean Clairambault

- **François Sigaux** (*ITMO Cancer, Paris, France*) **15 minutes**

- **Jérôme Galon** (*Cordeliers Research Center, Paris, France*) **20 min + 10 min questions**

“The Immune contexture in human cancer”

- **Mark Robertson-Tessi** (*Moffit Cancer Center, Tampa, USA*) **20 min + 10 min questions**

“Harnessing phenotypic plasticity and heterogeneity to design better combination therapies”

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ITMO Cancer

1.00pm