

EpiNantes 2018 meeting

Program

Tuesday October 16th – Wednesday October 17th, 2018

NANTES, France

DAY ONE, OCTOBER 16TH, 2018

9:00 – 9:30 - Reception

Keynote Lecture

9:30 – 10:30 - **Jean-Pierre Issa**, Fels Institute for Cancer Research and Molecular Biology, Temple University, Philadelphia, USA

Epigenetic therapy : Bench to Bedside

SESSION 1 : Epigenetic players of cancer gene regulation

10:30 – 11:00 - Plenary session 1 : **Slimane Ait-Si-Ali**, Centre Epigénétique et Destin Cellulaire, Université Paris Diderot, France

Genomic and non-genomic roles of mammalian « histone » lysine methyltransferases during cell fate changes

11:00 - 11:30 - Plenary session 2 : **Silvia Anna Ciafrè**, University of Rome, Italy

Long noncoding RNAs as powerful players in glioblastoma : the case of H19 as a multifaceted regulator of glioblastoma oncogenic properties

11:30 – 12:00 - Plenary session 3 : **Maria Gazouli**, National & Kapodistrian University of Athens, Greece

Methylation profiles of cancer-related genes at circulating tumor cells population: implications in prognosis and diagnosis

12:00 – 12:30 - Plenary session 4 : **Pernette Verschure**, Swammerdam Institute of Life Sciences, University of Amsterdam, The Netherlands

Dynamic epigenetic regulation: Single cells can make the difference

12:30 – 14:00 - Lunch break and poster session

Short oral communications

14:00 – 14:15 - **Camille Lachat**, University of Bourgogne Franche-Comté, Besançon, France

Roles of the lysine demethylase, KDM6B, and the histone methyltransferase, EZH2, during epithelial to mesenchymal transition (EMT)

14:15 – 14:30 - **Marvin Sylvestre**, University of Rennes 1, France
[KDM6B an epigenetic regulator of lymphoid stroma?](#)

14:30 – 14:45 - **Perrine Lavalou**, Institut Curie, Paris, France

[Conserved functions of rapidly evolving long noncoding RNAs : the long noncoding RNA MENHIR/CASC15 acts as a tumor suppressor in cutaneous melanoma](#)

14:45 – 15:00 - **Laurent Bretaudeau**, EpiDrugs Discovery, Saint Herblain, France
[DNA methylation complexes as targets for high-precision epigenetic drugs](#)

SESSION 2 : Chemical biology of epigenetics organized by EpiChembio COST

15:00 – 15:30 - Plenary session 5 : **Antonello Mai**, Department of Drug Chemistry and Technologies, Sapienza University of Rome, Italy

[Up and down in histone methylation: identification of first-in-class dual G9a/LSD1 inhibitors](#)

15:30 – 16:00 - Plenary session 6 : **Saulius Klimašauskas**, Life Sciences Center, Vilnius University, Lithuania

[Chemo-Enzymatic approaches for Epigenomic Profiling of DNA](#)

16:00 – 16:30-Coffee break and poster session

16:30 – 17:00 - Plenary session 7 : **Manfred Jung**, Institute of Pharmaceutical Sciences, University of Freiburg, Germany

[Chemical tools to interrogate reversible lysine acylation and methylation](#)

17:00 – 17:30 - Plenary session 8 : **Arasu Ganesan**, **University of East Anglia, Norwich Research Park, United Kingdom**

[What are HDAC inhibitors good for beyond T-cell lymphoma?](#)

Short oral communications

17:30 – 17:45 - **Ana Busturia**, Molecular Biology Center, University of Madrid, Spain
[Epigenetic and non-epigenetic functions of dRYBP, an ubiquitin binding protein, in development and disease](#)

17:45 – 18:00 - **Darko Bosnakovski**, University of Goce Delcev, Stip, R. Macedonia
[Epigenetic modulators as a treatment approach for Facioscapulohumeral muscular dystrophy \(FSHD\)](#)

18:00 – 18:15 - **Soner Dogan**, University of Yeditepe, Istanbul, Turkey
[Comparing miRNA profile in mammary fat pad tissue of breast cancer mouse model applied to different types of calorie restriction](#)

20:00 - **Gala Diner**

DAY TWO, OCTOBER 17TH, 2018

8:30 – 8:45 - Reception

8:45h – 9:00 - **Angela Garding**, Covaris

[A streamlined workflow to perform CHIP from FFPE samples](#)

9:00h – 9:15 - **Clément Proux**, Active Motif

[A Multi-Omics approach to define the epigenetic profile of your model system](#)

SESSION 3 : Epigenetic and transcriptional regulation

9:15 – 9:45 - Plenary session 9 : **Dominique Guianvarc'h**, Institut de Chimie Moléculaire et des Matériaux d'Orsay - University of Paris Saclay, France

[Chemical tools for studying DNA and histone methylation](#)

9:45 – 10:15 - Plenary session 10 : **Valentina Boeva**, Institut Cochin, Paris, France

[Getting insights into neuroblastoma biology using computational analysis of histone modifications](#)

10:15 – 10:45 - Plenary session 11 : **Anaïs Bardet**, Ecole Supérieure de Biotechnologie de Strasbourg, France

[Transcription factor sensitivity to DNA methylation](#)

Short oral communications

10:45 – 11:00 - **Philippe Arnaud**, University of Clermont Auvergne, France

[Transcriptional deregulations in glioma result mainly from DNA-methylation independent mechanisms](#)

11:00 – 11:15 - **Angélique Gougelet**, Institut Cochin, University of Paris Descartes, France

[The imprinted DLK1/DIO3 locus : a promising target for the treatment of liver cancer](#)

11:15 – 11:30 - **Leila Tirichine**, University of Nantes, France

[Phaeodactylum tricornutum, an emerging model for epigenetic studies in eukaryotic systems](#)

SESSION 4 : Epigenetic and immune cancer

11:30 – 12:00 - Plenary session 12 : **Lucia Altucci**, Department of Precision Medicine, University of Campania, Napoli, Italy

[BRD9 is critical in acute myeloid leukemia](#)

12:00 - 12:30 - Plenary session 13 : **Yegor Vassetzky**, IGR, University of Paris Sud, France

[Viral proteins : epigenetic effectors of lymphomagenesis](#)

12:30 – 14:00 - Lunch break and poster session

SESSION 5 : Epigenetic and environment

14:00 – 14:30 - Plenary session 14 : **Sophie Lelièvre**, Center for Cancer Research, University of Purdue, West Lafayette, USA

[Risks-on-a-chip to determine the epigenetic effect of mediators of oxidative stress on the breast epithelium](#)

14:30 – 15:00 - Plenary session 15 : **Jörg Tost** , Laboratory for Epigenetics and Environment, Centre National de Recherche en Génomique Humaine, Evry, France

[The impact of the environment and epigenetics on inflammatory and autoimmune diseases](#)

15:00 - 15:30 - Plenary session 16 : **Marco Tomasetti**, Department of Clinical and Molecular Sciences, Ancone, Italy

[MiR-126 as epigenetic biomarker: from exposure to cancer development](#)

Short oral communication

15:30 – 15:45 - **Louis Legoff**, IRSET, University of Rennes, France

[Transgenerational epigenetic effects in murine prostate tissue were promoted by ancestral gestational exposure to chlordecone](#)

End of the congress