

Defeating Cancer

Can non coding small RNAs be new Players?

Speakers

- Professor Philippe Bougnoux, Inserm, CHU Bretonneau, Tours, France
- Dr Salem Chouaib, Inserm, Institut Gustave Roussy, Villejuif, France
- Professor Czeslaw Cierniewski, Medical University of Lodz, Lodz, Poland
- Dr Martin Crespi, CNRS, Institut des Sciences du Végétal, Gif-sur-Yvette, France
- Professor Jozef Dulak, Jagiellonian University, Cracow, Poland
- Dr Jingfang Ju, Stony Brook University Medical Center, Stony Brook, NY, USA
- Professor Claudine Kieda, CNRS, Centre de Biophysique Moléculaire, Orléans, France
- Professor Andrzej Mackiewicz, Poznan University of Medical Sciences, Poznan, Poland
- Dr Agata Matejuk, CNRS, Centre de Biophysique Moléculaire, Orléans, France
- Dr Jean-Claude Michalski, Inserm, Université des Sciences et Technologies de Lille, Lille, France
- Dr Patrick Midoux, CNRS, Centre de Biophysique Moléculaire, Orléans, France
- Dr Prasun Mishra, National Institutes of Health, Bethesda, MD, USA
- Dr Friedrich Piller, CNRS, Centre de Biophysique Moléculaire, Orléans, France
- Professor Yasufumi Sato, Tohoku University, Sendai, Japan
- Professor Andrei Thomas-Tikhonenko, Children's Hospital of Philadelphia, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA, USA
- Dr Günther Weber, Inserm, Université de Tours, Tours, France
- Dr Andrew Weinberg, Providence Cancer Center, Portland, OR, USA
- Dr Glen Weiss, Translational Genomics Research Institute, Scottsdale, AZ, USA
- Dr Maciej Wiznerowicz, Poznan University of Medical Sciences, Poznan, Poland
- Dr Pawel Wlodarski, Medical University of Warsaw, Warsaw, Poland

LE STUDIUM®  Conference

Orléans
autumn
2012

LE STUDIUM®  Conference

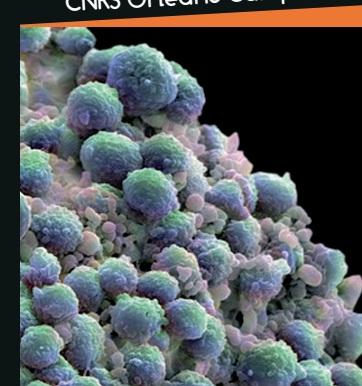
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September
24th and 25th, 2012

Charles Sadron lecture hall
CNRS Orléans Campus, France



Organized by

Dr Agata Matejuk
LE STUDIUM® RESEARCH FELLOW,
on leave from Cleveland Clinic,
USA, in residence at CNRS/CBM,
Orléans, France

Professor Claudine Kieda
CNRS/CBM, Orléans, France

Any updates of the programme
will be posted at:
<http://lestudium.cnrs-orleans.fr>

Contact:
lestudium@cnrs-orleans.fr
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LE STUDIUM®  Conference



LE STUDIUM®
Loire Valley
Institute for Advanced Studies

The aim of this conference is to examine and exchange novel concepts of scientific interest that cover several broad topics in the field of cancer, angiogenesis and one of the most important scientific breakthroughs in the last decade, microRNAs. Since recent advances suggest that one gene-targeted therapy is insufficient to treat cancer, conference delegates will be asked to focus on several potential treatment strategies that target angiogenesis and blood vessel normalization, tumor stem cell phenotype, anti-cancer immune response and microRNA as well as oncogenic networks. We will also highlight novel predictive biomarkers for cancer.

Sunday, September 23rd, 2012

18.00 Ice breaker party

Monday, September 24th, 2012

8.30 Registration and Coffee

9.00 Opening of the "LE STUDIUM® CONFERENCE"
Professor Paul Vigny, Chairman of LE STUDIUM®
Dr Antoine Carré, Vice-président du Conseil général du Loiret
Dr André Ochmann, Directeur de la Direction de l'Offre de Sanitaire et Médico-Sociale à l'Agence régionale de santé du Centre

First session

Changing the tumor stem cell phenotype

Session chairs: **Dr Salem Chouaib**
and Professor Czeslaw Cierniewski

9.30 Non-coding RNAs and stem cells differentiation
Professor Jozef Dulak, Cracow, Poland

10.00 Impact of miRNAs in chemoresistance, EMT and cancer stem cells
Dr Jingfang Ju, Stony Brook, USA

Coffee break

10.30

Second session

Angiogenesis and blood vessel normalization

Session chairs: **Professor Jozef Dulak and Dr Glen Weiss**

Will blood vessel normalization strategies shape future anti-cancer approaches?
Dr Agata Matejuk, Cleveland, USA

Tumor angiogenesis and physioxia: endothelial "normalization" potential
Professor Claudine Kieda, Orléans, France

11.45 Vasohibin-2 as a novel target for cancer treatment
Professor Yasufumi Sato, Sendai, Japan

12.15 Lunch

Third session

Recovering anti-cancer immunity

Session chairs: **Dr Agata Matejuk and Dr Prasun Mishra**

13.30 Influence of hypoxic stress on anti-tumor response
Dr Salem Chouaib, Villejuif, France

14.00 Therapeutic cancer vaccines – where are we today?
Professor Andrzej Mackiewicz, Poznan, Poland

14.30 Histidine-based vectors: A platform for non-viral nucleic acids delivery
Dr Patrick Midoux, Orléans, France

15.00 Enhancing anti-tumor immunity: A dawn of a new era in cancer therapy
Dr Andrew Weinberg, Portland, USA

15.30 Coffee break

Fourth session

New glycobiology prospects in cancer

Session chairs: **Dr Maciej Wiznerowicz and Dr Jingfang Ju**

15.45 Metabolic glycoengineering and cancer immunotherapy
Dr Friedrich Piller, Orléans, France

16.15 Role of O-GlcNAcylation in colon cancer
Dr Jean-Claude Michalski, Lille, France

16.45 Coffee break

Public Lecture

Nutrition and Cancer

Museum des Sciences Naturelles, Orléans
Professor Philippe Bougnoux, Tours, France

19.15 Special venue

Tuesday, September 25th, 2012

9.00 Coffee

Fifth session

Oncogenic network of signaling

Session chairs: **Dr Martin Crespi and Dr Patrick Midoux**

9.30 The microRNA component of oncogenic transcription factor networks
Professor Andrei Thomas-Tikhonenko, Philadelphia, USA

10.00 Early molecular mechanisms in invasive cancer cells induced by snail/slug controlled genes
Professor Czeslaw Cierniewski, Lodz, Poland

10.30 Breast cancer - a new concept of cell signaling?
Dr Günther Weber, Tours, France

11.00 Coffee break

Sixth session

MiRs in humans and plants

Session chairs: **Professor Yasufumi Sato**
and Professor Claudine Kieda

11.15 Small RNAs in plants, much more than miRNAs
Dr Martin Crespi, Gif-sur-Yvette, France

11.45 MicroRNA regulate aberrant expression of TIMP4 in prostate cancer
Dr Pawel Wlodarski, Warsaw, Poland

12.15 Lunch

Seventh session

Novel predictive biomarkers for cancer

Session chairs: **Professor Andrzej Mackiewicz**
and Dr Andrew Weinberg

13.30 Molecular portraits of human breast tumors
The cancer genome atlas project
Dr Maciej Wiznerowicz, Poznan, Poland

14.00 MicroRNA polymorphisms and the future of personalized medicine
Dr Prasun Mishra, Bethesda, USA

14.30 MicroRNAs: Biomarkers for disease and potential for cancer therapy
Dr Glen Weiss, Scottsdale, USA

15.15 Coffee break

16.15 Speech of a representative of Cancéropôle Grand Ouest
(to be precised)

16.35 The EU possibilities
Thomas Rochette Castel, Orléans, France

16.45 **Conclusions**

Angiogenesis "networking" for future treatments and Concluding remarks

17.30 Cocktail