

December, Tuesday 17th, 2013

National meeting program “radiobiology in medicine”

Auditorium Biopark
4^e étage,
11, rue Watt
Paris 13^e

Organizing committee: M Dutreix (CNRS & Institut Curie),
Ph Romeo (CEA), E Deutsch (Gustave Roussy),
N Foray (INSERM & centre Léon Bérard)

9:00 - 9:30 AM

WELCOME AND COFFEE

SESSION I: Molecular mechanisms of radiation and resistance mechanisms

Chairman: Marie Dutreix

9:30 - 9:55 AM

Induction of “cell in cell” by ionizing radiations
Jean-Luc Perfettini (Gustave Roussy, Villejuif)

9:55 - 10:20 AM

Targeting poly (ADP-ribose) metabolism to potentialize radiotherapy
Valérie Schreiber (IREBS, Illkirch)

10:20 - 10:45 AM

Nucleoshuttling of ATM and the low/high radiation dose response
Guillaume Vogin (CRC, Lyon)

10:45 - 11:00 AM

Coffee Break

SESSION II: Biology systemic for biomarker identification and treatment prognosis

Chairman: Nicolas Foray

11:00 - 11:25 AM

Comprehensive map of DNA repair signaling network: computational analysis of synthetic lethality in DNA repair and application for cancer treatment design
Inna Kuperstein (Institut Curie, Paris)

11:25 - 11:50 AM

Challenge for physics in radiobiology of hadrons
N. M. Mazure (IRCAN, Nice)

SESSION III: Protocol and treatments modulating tumor and tissue sensitivity to radiation

Chairman: Eric Lartigau

11:50 - 12:15 AM

Glioblastomes
Elisabeth Moyal-Cohen-Jonathan (Institut Claudius Regaud, Toulouse)

12:15 - 12:40 AM	Radiosensitizing ultra small gadolinium based nanoparticle Olivier Tillement (Université Claude Bernard, Lyon)
12:40 - 1:05 PM	Hadrontherapy Gerard Montarou (Université Blaise Pascal, Clermont-Ferrand)
1:15 - 2:00 PM	Lunch (Buffet) SESSION IV: Examples of the dutch and german translational radiotherapy programs: placing our organization into perspective. Chairman: Eric Deutsch Examples of translational radiotherapy program
2:00 - 2:30 PM	The NKI model Marcel Verheij
2:30 - 3:00 PM	The DFMZ model
3:00 - 3:20 PM	Coffee Break SESSION V: Immunology and microenvironment Chairman: Paul-Henri Romeo
3:20 - 3:45 PM	Microenvironment, irradiation and hematopoietic stem cells Nathalie Gault (CEA-DSV-iRCM/Inserm Unit 967, Fontenay-aux-Roses)
3:45 - 4:10 PM	Effets secondaires cliniques potentiels, prédiction et prise en charge David Azria/Céline Bourgier (Université Montpellier)
4:10 - 4:35 PM	Modulation of endothelial cell response during classical and hypo-fractionated radiotherapy François Paris (Centre de Recherche en Cancérologie, Nantes-Angers)
5:00 - 5:30 PM	Discussions and conclusion: Pr Fabien Calvo (directeur général adjoint de l'INCa)

Venue:

M° : Bibliothèque François Mitterrand (ligne 14), Quai de la Gare (ligne 6) or Tramway: Avenue de France (T3a)