

International Conference on BIOIMAGING OF LABORATORY ANIMALS IN CANCER RESEARCH

A one-day conference organized by the Institut de Formation Supérieure BioMédicale (IFSBM-Faculté de Médecine-Université Paris Sud) and Institut Gustave Roussy (IGR)

DATE

17 September 2010

LOCATION

Espace Maurice Tubiana, Institut Gustave Roussy, 39 rue Camille Desmoulins, 94805 Villejuif, France.

Villejuif is located approximately 5 km south of Paris (see Access Map)

OBJECTIVES

This international conference focuses on the usefulness of bioimaging in the non-clinical development of anticancer drugs.

The main objectives are:

1. To understand the role of different imaging techniques in the evaluation of anticancer drugs according to their mode of action.
2. To assess their potential for quantification and, possibly, standardisation.
3. To present latest developments in bioimaging techniques.

SCIENTIFIC COMMITTEE

Dr Nathalie Lassau, MD, Head Ultrasounds Section, Institut Gustave Roussy,
39 rue Camille Desmoulins, 94805 Villejuif, Villejuif, France.

Dr Alain Roche, MD, Professor, Imaging Department, Institut Gustave Roussy,
39 rue Camille Desmoulins, 94805 Villejuif, Villejuif, France.

Dr Sonia Scigliano, MD, Hospital F. Joliot, Nuclear Medicine, 4 place du General Leclerc,
91401 Orsay, France.

Dr Bertrand Tavitian, MD, Professor, CEA-DSV-I²BM-SHFJ-LIME, Inserm U803,
4 place du General Leclerc, 91400 Orsay, France.

Dr Xavier Tizon, PhD, Responsible Imaging Laboratory, Oncodesign ,
20 rue Jean Mazon , BP 27627, FR-21076 Dijon Cedex , France.

Dr Aurelio Zerial, PhD, Institut de Formation Supérieure Biomédicale, Université
Paris Sud, Institut Gustave Roussy, 39 rue Camille Desmoulins, 94805 Villejuif, France.

ORGANISING COMMITTEE

Dr Liliane Massade, PhD, Associate Director, Institut de Formation Supérieure Biomédicale, Université Paris Sud, Institut Gustave Roussy, 39 rue Camille Desmoulins, 94805, Villejuif, France.

Dr Aurelio Zerial, PhD, Institut de Formation Supérieure Biomédicale, Université Paris Sud, Institut Gustave Roussy, 39 rue Camille Desmoulins, 94805 Villejuif, France.

REGISTRATION

Please fill in the **registration form** and send it to Dr Liliane Massade

- either by fax : +33 (0)1 42 11 53 14,
- e-mail (liliane.massade@igr.fr) or
- regular mail - IFSBM - Institut Gustave Roussy, -1 de l'Espace Maurice Tubiana 39 rue Camille Desmoulins, 94805 Villejuif cedex, France.

Registration is confirmed upon payment of fees.

Registration fees

Early registration Before 1 June 2010	Late registration After 1 June 2010	On site registration 17 September 2010
€400	€600	€900
Students and IGR staff €150	Students and IGR staff €200	Students and IGR staff €300

The registration fees include:

- * Attendance to all sessions, including posters exhibition
- * A welcome kit with programme and documentation
- * Coffee/refreshments during morning and afternoon breaks
- * Lunch

Registration will be guaranteed only if sent with the appropriate payment.

Cancellation policy

Changes and cancellations must be notified in writing directly to Dr Liliane Massade (by fax, email or regular mail as indicated above for registration)

Refunds shall be issued only at the end of the conference:

From **2 August** : 25% cancellation fee will be charged

From **16 August** : 50% cancellation fee will be charged

From **1 September**: Cancellation will not be entitled to a refund but conference registrations may be transferred to substitute delegates from the same organization.

SPONSORSHIPS

The conference offers the right platform to present your products and services, preparing for a new product launch, or requesting feedback on specific ideas in front of a target audience.

Depending on your needs, two formats are being offered in the “Espace Maurice Tubiana” building:

- A space for a stand (minimum 3 m²)
- A panel for posters (minimum 2 m² in portrait layout)

Sponsors are invited to contact the Secretariat for other arrangements.

The sponsorship package includes always:

- 1 logo on the conference web site along with company website link
- 2 registrations to conference

There are three sessions during which stands and posters can be visited, for a total of about 2h30min. Stands and posters are set up from 16 September afternoon and removed on 17 September at 19h00.

Please download the instructions as in the [sponsorships registration form](#)

We wish to express our thanks for your support.

ACCOMODATION

A few rooms have been retained in two hotels at a 5 minutes walking distance from the Conference location.

Participants wishing to stay in Paris have a large variety of hotels available.

Request for information on accommodation can be obtained from IFSBM (Dr Liliane Massade, see above).

PROGRAM

8:00	Registration
8:30-9.00	Opening Address Claude Malvy (IFSBM, France), Alain Roche (IGR, France)
9.00-9.30	Plenary Conference. Alain Roche (IGR, France): <i>A survey of available bioimaging techniques in oncology.</i>
9.30-10.00	Plenary Conference. Bertrand Loubaton (GE, UK): <i>Molecular imaging and translational research in drug development.</i>
10.00-11.00	Coffee Break Sponsorships Poster Exhibition
11.00-12.00	1st Session: Position Emission Tomography scan Chairs: Mats Bergström (Hoffman La Roche, Switzerland), Raphael Boisgard (CEA, France)
11.00-11.20	Raphael Boisgard (CEA, France): <i>In vivo molecular imaging in preclinical oncology.</i>
11.20-11.40	Jean-François Salazar (GSK, UK): <i>Finding the best imaging solution for supporting oncology asset programs: Adaptive design in translational oncology.</i>
11.40-12.00	Laurent Besret (Sanofi-Aventis, France): <i>PET imaging approaches to determine the potential of new antitumor candidates.</i>
12.00-13.00	2nd Session : Magnetic Resonance Imaging Chairs: Arend Heerschap (Radboud University, The Netherlands), Xavier Tizon (OncoDesign, France)
12.00-12.20	Arend Heerschap (Radboud University, The Netherlands): <i>Lessons from MRI studies on tumor vasculature with iron and gadolinium contrast .</i>
12.20-12.40	Anne Leroy-Willig (University Paris Sud, France): <i>Can MRI detect apoptosis?</i>
12.40-13.00	Andreas Volk (Curie Institute, France): <i>Approaches for functional MRI of tumor models in mice</i>
13.00-14.40	Lunch. Sponsorships Poster Exhibition
14.40-15.40	3rd Session : Ultrasounds Chairs: Nathalie Lassau (IGR, France)
14.40-15.00	Nathalie Lassau (IGR, France) : <i>Preclinical to clinical development.</i>
15.00-15.20	Fabian Kiessling (University of Aachen, Germany): <i>Functional and molecular ultrasound imaging of tumors.</i>
15.20-15.40	Peter Burns (University of Toronto, Canada): <i>Quantitative methods in ultrasound imaging.</i>
15.40-16.40	4th Session: Optical Methods Chairs: Clemens LOWIK (University of Leiden, The Netherlands), Jean Luc COLL (Albert Bonniot Institute, France)
15.40-16.00	Clemens LOWIK (University of Leiden, The Netherlands): <i>2D and 3D whole body optical imaging of bone marrow metastasis.</i>
16.00-16.20	Jean Luc COLL (Institute Albert Bonniot, France): <i>Optical imaging for cancer diagnostic, treatment and drug discovery.</i>
16.20-16.40	Arnaud Pillon (Pierre Fabre, France): <i>Application of bioluminescence in experimental pharmacology</i>
16.40-17.10	Coffee Break. Sponsorships Poster Exhibition
17.10-18.40	Round table discussion on case studies
18.40	End of conference

List of Speakers

Dr Mats Bergstrom Senior Imaging Expert, Translational Research Sciences
F. Hoffman La Roche, Basel, Switzerland.

Dr Laurent Besret Biomarkers and Imaging, Sanofi –Aventis, Centre de Recherche de Vitry,
13 quai Jules Guesde, BP14, zone C, 94403 Vitry sur Seine, France.

Dr Raphael Boisgard Laboratory of Experimental Imaging – Small Animal Imaging
CEA-DSV-I²BM-SHFJ-LIME Inserm U803, 4 place Leclerc 91401 Orsay, France.

Dr Peter N. Burns Professor and Chairman of Medical Biophysics, Professor of Medical
Imaging, University of Toronto, Senior Scientist, Sunnybrook Health Sciences Centre, Toronto,
Canada.

Dr Jean-Luc Coll Head « *Cibles diagnostiques ou thérapeutiques et vectorisation de
drogues dans le cancer du poumon* », INSERM U823, Université Joseph Fourier-Site Santé, Institut
Albert Bonniot, 38706 La tronche cédex, France.

Dr Arend Heerschap Professor and Head 'Experimental biomedical MR research' group, Radboud
University Medical Centre Nijmegen, Department of Radiology
Geert Grooteplein 10, 6525 GA, Nijmegen, The Netherlands.

Dr Fabian Kiessling Professor, Chair of Experimental Molecular Imaging, University of
Aachen (RWTH), Pauwelsstraße 20, D-52074 Aachen, Germany.

Dr Nathalie Lassau Head Ultrasounds Section, Institut Gustave Roussy, 39 rue Camille
Desmoulins, 94805 Villejuif, France.

Dr Anne Leroy-Willig Unité de Recherche en Résonance Magnétique Médicale
(U2R2M, CNRS UMR8081), Batiment 220, Université Paris-Sud, Faculté d'Orsay 1405 Orsay Cedex,
France.

Dr Bertrand Loubaton Director, Pharmaceutical & Academic Research Collaboration
Academic Programs, General Electric, Healthcare Europe, 11, avenue Morane Saulnier, 78457 Velizy
Cedex, France.

Dr Clemens W.G.M. Lowik Professor, Head Molecular Endocrinology and Molecular Imaging,
Department of Endocrinology, Bldg.1,C4-R86. Leiden University Medical Center, Albinusdreef 2,
2333 ZA Leiden, The Netherlands.

Dr Arnaud Pillon Responsable Platform Functional Imaging, Institut de Recherche Pierre
Fabre, Département de Pharmacologie II, Centre de Recherche en Oncologie Expérimentale, Parc
Technologique du Canal, 3 rue des Satellites - B.P. 94244, 31 432 Toulouse, France.

Dr Alain Roche Professor, Imaging Department, Institut Gustave Roussy,
39 rue Camille Desmoulins, 94805 Villejuif, France.

Dr Jean-Frédéric Salazar Principal Scientist, Lead Pre-Clinical Oncology, GlaxoSmith Kline,
Clinical Imaging Centre, London, United Kingdom.

Dr Xavier Tizon Responsable Imagerie / Imaging laboratory manager, Oncodesign 20, rue
Jean Mazon, BP 27627, FR-21076 Dijon Cedex, France.

Dr Andreas Volk Head "Experimental Biomedical MRI/MRS" Lab.
U.759 INSERM / Institut Curie. "*Integrative Imaging: from Molecule to Organism*"
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