

LE STUDIUM®

CONFERENCES

Le TOURS de MicroBulles :

Targeted Ultrasound Contrast Imaging and Drug Delivery

19 May - 20 May
2014

LE STUDIUM®

La Halle aux Draps, 37000 Tours - France

CONVENORS

Dr. Charles SENNOGA

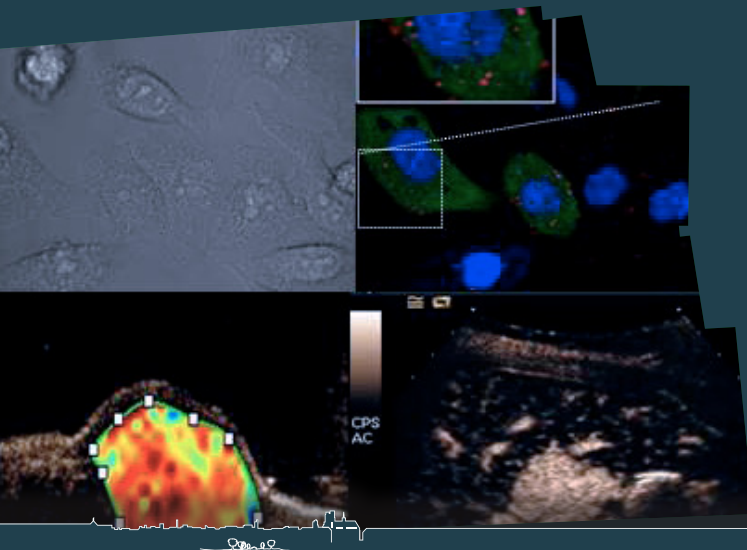
LE STUDIUM® RESEARCH FELLOW
on leave from Imperial College London,
in residence at INSERM U930: Imagerie
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Dr. Ayache BOUAKAZ

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PROGRAM - REGISTRATION

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Institute for Advanced Studies



INVITED SPEAKERS

Professor Michael Averkiou

University of Cyprus, Nicosia, Cyprus

Dr. Lori Bridal

Université Pierre et Marie Curie, Paris, France

Dr. Mathew Bruce

Supersonix Imagine, Aix-en-Provence, France

Professor Peter Burns

Sunnybrook Health Sciences Centre, University of Toronto, Toronto, Canada

Olivier Couture

ESPCI Paris, France

Professor Nico de Jong

Biomedical Engineering Dept., Erasmus University, Rotterdam, The Netherlands

Dr. Alexander Doinikov

INSERM U930, University François-Rabelais, Tours, France

Professor Kullervo Hynynen

Sunnybrook Health Sciences Centre, University of Toronto, Toronto, Canada

Professor Eitan Kimmel

Technion-Israel Institute of Technology, Haifa, Israel

Dr. Cyril Lafon

INSERM LabTAU U1032, Lyon, France

Professor Edward Leen

Imperial College London NHS Trust, London, United Kingdom

Dr. Ine Lentacker

University of Ghent, Ghent, Belgium

Massimo Mischi

University Eindhoven, The Netherlands

Professor Christ Moonen

University Medical Center, Utrecht, The Netherlands

Dr. Frédéric Padilla

Inserm, Lyon, France

Dr. Charles Sennoga, LE STUDIUM® FELLOW

INSERM U930, University François-Rabelais, Tours, France

Dr. Charles Sio

Philips Medical Research, Eindhoven, The Netherlands

Professor François Tranquart

Bracco Suisse SA, Geneva, Switzerland

Philippe Trochet

Visualsonics, Canada

ABOUT THE CONFERENCE

Le TOURS de MicroBulles Conference aims to shine light on current and emerging research trends for ultrasound contrast imaging and therapy by providing a platform for discussion with a peloton of internationally acknowledged leaders.

Ultrasound contrast agents are micron-sized gas bubbles encapsulated by a thin biocompatible shell and are typically the same size as the red blood cells. These microbubbles are usually injected into the bloodstream of patients and act to increase the scattered ultrasound signals, making the blood vessels appear more clearly for improved ultrasound diagnosis. Although microbubbles were originally developed simply to improve conventional ultrasound imaging, they showed great diagnostic potential, and their capabilities now extend far beyond imaging. Microbubbles have been designed to carry drugs, which can be released on demand upon excitation with ultrasound. They have been targeted to specific sites in the human body by incorporating ligands into their shells, which will allow clinicians to noninvasively monitor disease progression before symptoms appear. Finally, co-administration of microbubbles and drugs has been shown to trigger synergistic therapeutic effects under specific ultrasound excitations. These capabilities provide possibilities for superior imaging, targeted therapy and localized drug delivery.



PUBLIC LECTURE

50 Years of Ultrasound by Léandre Pourcelot

REGISTRATION AND CONTACT

Registration are now open. Early bird rates expire by 30th April 2014.

To join the conference please log on to LE STUDIUM® website : lestudium-ias.com and email your registration form to conference@lestudium-ias.fr.

Registration are open till May 12th, 2014.