

	Monday, 17th January	Tuesday, 18th January	Wednesday, 19th January	Thursday, 20th January	Friday, 21th January
08:00 - 08:30	BREAKFAST		BREAKFAST		
08:30 - 09:10	Imaging is changing medicine: the TOPIM conferences Bertrand Tavitian (Orsay, France)	Radiolabelled peptides in oncology Marion de Jong (Rotterdam, The Netherlands)	Functionalized nanoparticles for biomolecular imaging and sensing, Raphael Levy (Liverpool, United Kingdom)	Imaging tumours with hyperpolarized MRI, Kevin Brindle (Cambridge, United Kingdom) *	Application of imaging in the drug development process: advantages and limitations from an industrial perspective, Werner Scheuer (Penzberg, Germany)
09:10 - 09:55	PET for treatment planning and monitoring in radiation oncology, Nicole Wiedenmann (Freiburg, Germany)	New Imaging Probes for PET and SPECT Based on Radiometals, Helmut Maecke (Freiburg, Germany)	Molecular imaging of atherosclerotic plaques, Fabien Hyafil (Paris, France)	Imaging intra and inter-cellular signaling in vascular remodeling, Michal Neeman (Rehovot, Israel) *	Investigating chronic liver diseases and cancer by multimodal spectroscopy, François Le Naour (Paris, France)
09:55 - 10:15	coffee break		coffee break		
10:15 - 11:00 oral abstract presentations	[18F]flallypride binding in the mouse brain: test-retest and effects of registration, Alain Seret (Liège, Belgium)	Radiolabelled cholecystokinin-2 receptor binding analogues; preclinical and clinical evaluation, Marleen Melis (Rotterdam, The Netherlands)	Pharmacokinetics and biodistribution in FVB mice of radioactive and fluorescent triply-labeled lipid, Juliette Merian (Grenoble, France)	Hyperpolarized 13C MRS detects early changes in tumor metabolism following anti-angiogenic therapy, Sarah Bohndiek (Cambridge, United Kingdom)	Intraoperative immunophotodetection to improve peritoneal surface malignancy diagnosis and treatment, Andre Pelegrin (Montpellier, France)
	Molecular Imaging of MR-HIFU Thermally Ablated Tissue, Nicole Hijnen (Eindhoven, The Netherlands)	Oligopropyls as multivalent scaffolds for tumor targeting vectors, Carsten Kroll (Basel, Switzerland)	Image guided surgery by means of near-infrared fluorescence, Christiane Wenk (Grenoble, France)	6 Years longitudinal MRI and 1H single voxel MRS follow-up in 26 Patients with oligodendroglial tumor, Jean-Marc Constans (Caen, France)	New multispectral imaging method for fluorescence molecular diagnostics, Athanasios Sarantopoulos (Munich, Germany)
	In vivo study of cerebral ischemia using multimodal ultrafast ultrasound imaging, Emilie Macé (Paris, France)	Real-Time Monitoring of Tumor Vascular Occlusion by Vascular Targeted Photodynamic Therapy, Noa Madar-Balakirski (Rehovot, Israel)	In vivo gene delivery and imaging of NF-κB regulation pathway in acute lung inflammation mouse model, Fabio Stellari (Parma, Italy)	Magnetic resonance imaging permanent magnets, Dimitris Sakellariou (Gif sur Yvette, France)	Near-Infrared fluorescence imaging of colorectal liver metastases using indocyanine green, Joost van der Vorst (Leiden, The Netherlands)
11:00 - 11:40	Focused Ultrasound mediated Targeted Drug Delivery, Chrit Moonen (Bordeaux, France)	Light-activated focal vascular occlusion of tumor blood supply: A novel cancer therapy approach, Yoram Salomon (Rehovot, Israel)	Bimodal ultrasound/optical instrumentation and fluorescent molecular probes to improve prostate cancer diagnosis, Isabelle Texier (Grenoble, France)	Multifunctional Nanoparticles for MR imaging, Fabian Kiessling (Aachen, Germany)	Application of fluorescence in surgery; expectations and realistic approaches, Philippe Rizo (Grenoble, France)
11:40 - 12:20	New Perspectives in Biomedical Ultrasound, Mikael Tanter (Paris, France)	Advanced Imaging techniques for guiding Radiotherapy and follow-up in Gliomas, Federic Dhermain (Paris, France)	Targeted Nanoparticles, optical imaging and cancer, Jean-Luc Coll (Grenoble, France)	New perspectives for imaging molecules and metabolism in vivo. Rolf Gruetter (Lausanne, Switzerland)	High resolution real-time imaging of small animals by Multispectral Optoacoustic Tomography (MSOT), Adrian Taruttis (Munich, Germany)
12:20 - 13:20	LUNCH		LUNCH		CONCLUSION
13:20 - 16:45	FREE TIME SLOT		FREE TIME SLOT		LUNCH / Departure
16:45 - 17:30 oral abstract presentations	Ultrasound-inducible fluorescent particles for internal tattooing, Olivier Couture (Paris, France)	In vivo imaging of Akt1 signaling in angiogenesis. Katrien Vandoorne (Rehovot, Israel)	Ultrasound induced mechanical release from paramagnetic liposome for MRI new drug delivery protocols, Pierangela Giustetto (Torino, Italy)	Hyperpolarized acetate as a metabolic tracer for skeletal and cardiac muscle energetics, Jessica Bastiaansen (Lausanne, Switzerland)	
	Carotid artery plaque characterization by contrast-enhanced ultrasound, Filippo Molinari (Torino, Italy)	Annexin-based apoptosis imaging: pitfall in the assessment of anti-angiogenic therapy? Wiltrud Lederle (Aachen, Germany)	MRI-guided HIFU-mediated drug delivery to tumors with temperature-sensitive liposomes, Mariska De Smet (Eindhoven, The Netherlands)	Shining a new light on brain glucose metabolism using synchrotron x-ray fluorescence imaging, Carole Poitry-Yamate (Lausanne, Switzerland)	
	Simultaneous estimation of input functions: The B-SIME method, Camille Jouvie (Orsay, France)	Molecular CT imaging of cancer using targeted gold nanoparticles, Rachela Popovtzer (Ramat Gan, Israel)	Focused ultrasound induced extravasation: in vivo SPECT/CT imaging and quantification, Pedro Sanches (Eindhoven, The Netherlands)	Optical imaging of oral squamous cell carcinoma and cervical lymph node metastasis, Pieter van Driel (Leiden, The Netherlands)	
17:30 - 18:10	Circadian timing of cancer treatments, Francis Levi (Vilejuif, France)	Multi-modal (MRI/PET/ALA-OI) imaging-based neurosurgery of gliomas, Christian Ewelt (Münster, Germany)	Nanomedicine, theranostics and image-guided combination therapies, Twan Lammers (Aachen, Germany)	Translational optical imaging in oncology: fact or fiction, Gooitzen van Dam (Groningen, The Netherlands)	
18:10 - 18:50	Molecular imaging of in vitro interactions between circadian clocks, metabolism and cell cycle, Sandrine Dulong (Vilejuif, France)	Imaging guided transcranial magnetic stimulation, Berthold Langguth (Regensburg, Germany)	Nanoprobes for imaging drug release, Enzo Terreno (Torino, Italy) *	Image guided surgery of sentinel lymph nodes and solid tumors, Alexander Vahrmeijer (Leiden, The Netherlands)	
	Image quality evaluation for 124I in the microPET focus 120 scanner using the NEMA NU4-2008 phantom, Alain Seret (Liège, Belgium)				
18:50 - 19:30	19:00 Pot d'accueil	Ultrasound induced Drug Delivery, Holger Gruell (Eindhoven, The Netherlands)	ENCITE - open discussion on Molecular Imaging	Surgical fluorescence imaging with targeted fluorochromes: advancing towards clinical use, George Themelis (Munich, Germany)	
19:30 - 20:30	DINNER		DINNER	"Repas savoyard"	* ENCITE partner