

	Wednesday - 26 May 2010		Thursday - 27 May 2010		Friday - 28 May 2010		Saturday - 29 May 2010		
room	ROZA	IRYS	ROZA	IRYS	ROZA	IRYS	ROZA	IRYS	
08:00-09:00			Registration		Registration				
ESMI Plenary Lecture 1 by Violaine Sée (Liverpool, UK)			ESMI Plenary Lecture 3 by Theodorus W.J.Gadella (Amsterdam, The Netherlands)		ESMI Plenary Lecture 5 by Klaas Nicolay (Eindhoven, The Netherlands)				
Coffee break & Exhibition			Coffee break & Exhibition						
10:30-12:00			PS 1: Cancer I - together with ESR	PS 2: Neuroscience I	PS 5: Neuroscience II	PS 6: Cardiovascular I - together with ESR	PS 9: Cardiovascular II	PS 10: Cancer II - together with COST	
12:00-13:00			Lunch break & Exhibition				Break		
13:00-14:30			PS 3: Technology	PS 4: Probes I - together with COST	PS 7: Probes II	PS 8: Gene and Cell Based Therapies - together with CliniGene	12:30-13:30 ESMI Plenary Session and Closing Ceremony		
14:30-16:00	Registration		Guided Poster Session 1 with Coffee break						
ESMI Plenary Lecture 2 by Francesca Odoardi (Goettingen, Germany)			ESMI Plenary Lecture 4 by Hans-Jürgen Wester (Munich, Germany)						
ESMI Plenary Session on Excellent, Late Breaking and YIA Abstracts			ESMI Plenary Session on Current Contribution of Imaging Technologies to Drug Development						
18:00-19:30	Open Ceremony and Inaugural Lecture by Christopher H. Contag (Stanford, USA)				ESMI Executive Committee meets Industry				
19:00			Sightseeing Tour						
19:30	Opening Reception and Exhibition				Gala Dinner at Zamojski Palace Warsaw 2, Foksal street				

Day 0 - Wednesday May 26, 2010

	ROZA	IRYS	GERBERA
09:00-12:00	Exhibitor's set up		DiMI WP Meetings (Closed Meetings)
14:00-18:00	Registration		
	Posters set up Speaker's documents set up		
13:00-15:00			ESMI Executive Committee (Closed Meeting)
15:00-17:00			ESMI Council Meeting (Closed Meeting)
18:00-19:30	Opening Ceremony and Inaugural Lecture		
	<p>Mariusz Klubczuk plays Chopin: <i>Nocturne B flat Minor Op.9 No 1; Mazurka C Major Op.24 No 2</i></p> <p>Welcome – Andreas H. Jacobs (ESMI President)</p> <p>Welcome – Renata Mikolajczak (EMIM Local Organiser)</p> <p>Welcome – Andrzej Siemaszko (NCP in Poland for EU research)</p> <p>Welcome – Maximilian Reiser (ESR President)</p> <p>Announcement of ESMI Award 2010, John Clark (ESMI Award Winner 2009)</p> <p>Mariusz Klubczuk plays Chopin: <i>Etude C sharp Minor Op. 25 No 7; Etude A Minor Op. 25 No 12</i></p> <p>Inaugural lecture by Christopher H. Contag (Stanford, USA) <i>Point-of-Care Microscopy: Molecular Imaging with Cellular Resolution</i></p>		
19:30-21:00	Opening Reception and Exhibition		

Day 1 - Thursday May 27, 2010

	ROZA	IRYS	GERBERA
08:00-08:45			DiMI SMB (Closed Meeting)
08:00-09:00	Registration		
09:00-10:00	<p>ESMI Plenary Lecture 1 by Violaine Sée (Liverpool, UK) <i>Transcription factors dynamics: from discrete pulses to oscillatory pattern to control gene expression</i> Co-Chairs: Clemens WGM Löwik (Leiden, The Netherlands), Leszek Krolicki (Warsaw, Poland)</p>		
10:00-10:30	Coffee break & Exhibition		YIA Selection Committee (Closed Meeting)
10:30-12:00	Parallel Session 1: Cancer I (together with ESR) Co-Chairs: Markus Schwaiger (Munich, Germany), Peter Brader (Vienna, Austria)	Parallel Session 2: Neuroscience I Co-Chairs: Annemie van der Linden (Antwerp, Belgium), David Wyper (Glasgow, UK), Hervé Boutin (Manchester, UK)	
10:30-10:45	Multimodal imaging approaches for cell-cell interaction Steffen Maßberg, (Munich, Germany)	[11C](R)-PK11195- a tricky tracer. Do we really need it to image microglial activation? Alex Gerhard (Manchester, UK)	
10:45-11:00	Molecular imaging for monitoring treatment with protein kinase inhibitors Wolfgang Weber (Freiburg, Germany)	YIA Applicant's Presentation: Preclinical imaging of the type 1 cannabinoid receptor in neurodegenerative diseases Cindy Casteels (Leuven, Belgium)	
11:00-11:15	Potentials of imaging biomarkers inpatients Bernard Van Beers (Paris, France)	YIA Applicant's Presentation: Longitudinal non-invasive detection of amyloid plaques by combined molecular, functional and morphological imaging in transgenic mouse models of alzheimers disease, Florian C. Maier (Tübingen, Germany)	
11:15-11:30	YIA Applicant's Presentation: Pre-clinical screening of anti - her2 nanobodies for molecular imaging of breast cancer Ilse Vaneycken (Brussels, Belgium)	Serotonergic neurotransmission in early Alzheimer's disease, Steen G. Hasselbalch (Copenhagen, Denmark)	
11:30-11:45	YIA Applicant's Presentation: [18f]-fdg/[18f]-flt-pet and bioluminescence imaging of therapy response in b-cell lymphoma mice treated with cytotoxic and antiproliferative agents, Marijke De Saint-Hubert (Leuven, Belgium)	Qualitative and quantitative assessment of florbetapir f-18 pet (18f- av45) amyloid deposition PET imaging - validation by pathology. preliminary report Grzegorz Romanowicz (Gdańsk, Poland)	
11:45-12:00	tf-pimonidazole: an hypoxia marker suitable for <i>in vivo</i> 19f mrs imaging Arend Heerschap (Nijmegen, The Netherlands)	YIA Applicant's Presentation: In-vivo imaging of a mouse traumatic brain injury model using dual-isotope quantitative SPECT/CT Domokos Máthé (Budapest, Hungary)	
12:00-13:00	Lunch break		TOPIM2011 committee (Closed meeting)

	ROZA	IRYS	GERBERA
13:00-14:30	Parallel Session 3: Technology Co-Chairs: Jorge Ripoll (Heraklion, Greece), Markus Rudin (Zürich, Switzerland)	Parallel Session 4: Probes I (together with COST action D38) Co-Chairs: Eva Jakab-Tóth (Orléans, France), Silvio Aime (Torino, Italy)	
13:00-13:15	Molecular analysis of adaptive immune function through microscopic and mesoscopic imaging Jens Stein (Bern, Switzerland)	The alignment of target-specific lipoCEST MRI contrast agents Sander Langereis (Eindhoven, The Netherlands)	
13:15-13:30	Magnetic resonance imaging – from structure to molecular interactions Markus Rudin (Zürich, Switzerland)	Lanthanide-based <i>in vivo</i> luminescence imaging Stephane Petoud (Orléans, France and Pittsburgh, US)	
13:30-13:45	Imaging modalities: PET/SPECT Sibylle Ziegler (Munich, Germany)	New perspectives for imaging molecules and metabolism <i>in vivo</i> Rolf Gruetter (Lausanne, Switzerland)	
13:45-14:00	<i>In vivo</i> fluorecence kinetic imaging for improved contrast and studies of temporal and quantitative biodistribution James Mansfield (Cambridge, UK)	YIA Applicant's Presentation: <i>In vivo</i> biodistribution of radiolabeled matrix metalloproteinase-2 activatable cell penetrating peptides Sander Van Duijnhoven (Eindhoven, The Netherlands)	
14:00-14:15	Cerenkov radiation imaging of a xenograft murine model of mammary carcinoma Federico Boschi (Verona, Italy)	YIA Applicant's Presentation: Bioresponsive mri contrast agents based on self-assembling beta-cyclodextrin nanocapsules Jonathan Martinelli (Alessandria, Italy)	
14:15-14:30	A system for 4d (3d+kinetics) molecular imaging in bioluminescence and fluorecence Serge Maitrejean (Paris, France)	Photochemical activation of endosomal escape of MRI-gd-agents in tumor cells Eliana Gianolio (Torino, Italy)	
14:30-16:00	Guided Poster Session 1 with Coffee break (see page 110) Poster Walk 1: Imaging Cancer Biology (P001-P012) & (P105-P106) Co-Chairs: Fabian Kiessling (Aachen, Germany), Markus Rudin (Zürich, Switzerland) Poster Walk 2: Technology & Data Analysis Methods (P070-P078) & (P097-P104) Co-Chairs: Serge Maitrejean (Paris, France), Adriaan Lammertsma (Amsterdam, The Netherlands) Poster Walk 3: Molecular Neuroimaging (P034-P047) & (P107) Co-Chairs: Sabina Pappata (Naples, Italy), Andreas H. Jacobs (Münster, Germany) Poster Walk 4: Probe Design (P058-P069) Co-Chairs: Frédéric Dollé (Orsay, France), Helmut Maecke (Freiburg, Germany)		
	ESMI Plenary Lecture 2 by Francesca Odoardi (Göttingen, Germany) <i>Immune surveillance and autoimmunity: how encephalitogenic T cells enter their target organ</i> Co-Chairs: Renata Mikolajczak (Warsaw, Poland), Chrit Moonen (Bordeaux, France)		
	Plenary Session on Excellent, Late Breaking, and Young Investigator Award Abstracts Co-Chairs: Renata Mikolajczak (Warsaw, Poland), Chrit Moonen (Bordeaux, France)		
	Exendin-4 derivatives labeled with radiometals for the detection of insulinoma: a “from bench to bed approach” Damian Wild (Freiburg, Germany)		
	YIA Applicant's Presentation: Assessment of hif transcriptional activity in a mouse tumor model using gpi anchored avidin- a novel protein reporter for <i>in vivo</i> imaging Steffi Lehmann (Zürich, Switzerland)		
17:20-17:30	YIA Applicant's Presentation: A leukocyte ligand of vascular adhesion protein-1 as an imaging tool in PET Anu Autio (Turku, Finland)		
17:30-17:40	YIA Applicant's Presentation: Clinical translation of ex vivo sentinel lymph node mapping for colorectal cancer using invisible near-infrared fluorecence light Merlijn Huttemann (Leiden, The Netherlands)		
17:40-17:50	YIA Applicant's Presentation: Development of strategies for <i>in vivo</i> MRI and optical imaging of neural stem cells distribution for the treatment of traumatic spinal cord injury Ramona Lui (Milano, Italy)		
17:50-18:00	Validation of bone marrow-derived stromal cell graft position by colocalisation of histology, bioluminescence and magnetic resonance imaging Nathalie de Vocht (Antwerp, Belgium)		
18:15-18:45	DiMI General Assembly (Closed Meeting)		
19:00-20:00	DiMI WP Meeting (Closed Meeting)		DiMI WP Meeting (Closed Meeting)

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08:00-08:45	DiMI WP Meeting (Closed Meeting)		ESMI Exec. Com. & ESMI Council Meeting (Closed Meeting) together with Treasurer
08:00-09:00	Registration		
09:00-10:00	ESMI Plenary Lecture 3 by Theodorus W.J. Gadella Jr. (Amsterdam, Netherlands) <i>New probe-based strategies for quantitative microscopy of signaling dynamics in single cells</i> Co-Chairs: Vasilis Nziachristos (Munich, Germany), Bengt Långström (Uppsala, Sweden)		
10:00-10:30	Coffee break & Exhibition		
10:30-12:00	Parallel Session 5: Neuroscience II Co-Chairs: Markus Rudin (Zürich, Switzerland), Veerle Baekelandt (Leuven, Belgium), Mathias Hoehn (Cologne, Germany)	Parallel Session 6: Cardiovascular I (together with ESR) Co-Chairs: Tony Lahoutte (Mons, Belgium), Nicolas Grenier (Bordeaux, France)	
10:30-10:45	Potential to use transgenic animals for imaging of neurological diseases Ludwig Aigner (Salzburg, Austria)	Potentials of new contrast agents for vascular molecular imaging in patients Philippe Douek (Lyon, France)	
10:45-11:00	Specific cell labeling with imaging reporters <i>in vivo</i> by viral vectors: the challenges Veerle Baekelandt (Leuven, Belgium)	Protease specific nanosensors in atherosclerosis Eyck Schellenberger (Berlin, Germany)	
11:00-11:15	YIA Applicant's Presentation: Optimization of an MRI method to measure microvessel density: application to monitor angiogenesis after stroke Philipp Boehm-Sturm (Cologne, Germany)	YIA Applicant's Presentation: Imaging of inflamed carotid artery atherosclerotic plaques with the use of 99mTc-hynic-il-2 scintigraphy in the end-stage renal disease patients Marta Opalinska (Krakow, Poland)	
11:15-11:30	MRI study of intra-arterial bone marrow-derived macrophage administration after acute focal ischemic stroke in rats Adrien Riou (Lyon, France)	Uptake of 68Ga-chloride in atherosclerotic plaques of <i>ldlr</i> ^{-/-} <i>apob</i> ^{100/100} mice Johanna Silvola (Turku, Finland)	
11:30-11:45	YIA Applicant's Presentation: Inactivated paramagnetic tissue plasminogen activator predicts thrombolysis outcome following stroke Maxime Gauberti (Caen, France)	YIA Applicant's Presentation: Hybrid imaging using dual energy µCT and fMRI for characterization of atherosclerotic plaques in <i>apoE</i> ^{-/-} mice Felix Gremse (Aachen, Germany)	
11:45-12:00	Matrix metalloproteinase-9 – a possible therapeutic target in intractable epilepsy Grzegorz Wilczynski (Warsaw, Poland)	YIA Applicant's Presentation: Long circulating emulsion based CT contrast agents Anke De Vries (Eindhoven, The Netherlands)	
12:00-13:00	Lunch Break		ESMI Training Committee (Closed Meeting)
13:00-14:30	Parallel Session 7: Probes II (together with EANM) Co-Chairs: Frédéric Dollé (Orsay, France), Denis Guilloteau (Tours, France)	Parallel Session 8: Gene and Cell Based Therapies (together with Clinigene) Co-Chairs: Ludwig Aigner (Salzburg, Austria), Cornel Fraefel (Zürich, Switzerland)	
13:00-13:15	Application of microfluidics to the ultra-rapid preparation of fluorine-18 and carbon-11 labelled compounds Philip Miller (London, UK)	Everything but not cell replacement with neural stem cell transplants Stefano Pluchino (Milano, Italy)	
13:15-13:30	Radioligand for <i>in vivo</i> measuring neurotransmitters release, Christer Halldin (Stockholm, Sweden)	Mesenchymal Stem Cell Transplantation: An Option to Promote Remyelination? Ludwig Aigner (Salzburg, Austria)	
13:30-13:45	¹⁸ F-tracers for Amyloid plaques Denis Guilloteau (Tours, France)	Viral vector-mediated transcriptional targeting of dendritic cells for antigen-specific tolerance induction in EAE/MS Christiane Dresch (Zürich, Switzerland)	
13:45-14:00	YIA Applicant's Presentation: Chelators for radiocopper: biological/pharmacokinetic differences of [tyr3,thr8]octreotide conjugates, Abiraj Keelara (Basel, Switzerland)	Delivery of a bioluminescent transgene to a tumor via bone marrow engraftment and local control of gene expression by non invasive local hyperthermia Pierre-Yves Fortin (Bordeaux, France)	
14:00-14:15	[¹¹ C]SOMADAM: potential sert ligand for PET studies and comparison with [¹¹ C]MADAM Fabienne Gourand (Caen, France)	YIA Applicant's Presentation: Dendritic cell labelling with paramagnetic nanoparticles and ¹¹¹ In-oxine for <i>in vivo</i> magnetic resonance imaging and scintigraphic imaging Cristina Martelli (Milan, Italy)	
14:15-14:30	MR imaging of extracellular redox by a thiol-sensitive gad(iii)-do3a derivative Giuseppe Digilio (Torino, Italy)	YIA Applicant's Presentation: The type 2 cannabinoid receptor as a new PET reporter gene for the brain Caroline Vandeputte (Leuven, Belgium)	

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14:30-16:00	Guided Poster Session 2 with Coffee break (see page 110) Poster Walk 5: Imaging in Cancer & Drug Development (P013-P030) Co-Chairs: Peter Brader (Graz, Austria), Nicolas Grenier (Bordeaux, France) Poster Walk 6: Imaging in Other Diseases (P031-P033) & (P079-P091) Co-Chairs: Bertrand Tavitian (Orsay, France), John Clark (Edinburgh, UK) Poster Walk 7: Imaging-guided Gene and Cell based and Targeted Therapies (P048-P057) & (P092-P096) Co-Chairs: Ludwig Aigner (Salzburg, Austria), Adriana Maggi (Milano, Italy)		
16:00-17:00	ESMI Plenary Lecture 4 by Hans-Jürgen Wester (Munich, Germany) <i>Molecular Imaging of CXCR4 Receptors</i> Co-Chairs: Adriana Maggi (Milano, Italy), Adriaan Lammertsma (Amsterdam, The Netherlands)		
17:00-18:00	Plenary Session on Current Contribution of Imaging Technologies to Drug Development Co-Chairs: Adriana Maggi (Milano, Italy), Adriaan Lammertsma (Amsterdam, The Netherlands)		
17:00-17:15	Evaluation of the temporal window for drug delivery following ultrasound mediated membrane permeability enhancement Matthieu Lepetit-Coiffe (Bordeaux, France)		
17:15-17:30	Integrisense: a novel near-infrared fluorescent probe for $\alpha_v\beta_3$ integrin and its applications in drug discovery Cyrille Sur, Merck Research Laboratories (Westpoint, USA)		
17:30-17:45	Harnessing the power of bioluminescence to cross the <i>in vitro</i> – <i>in vivo</i> divide John Watson, PROMEGA (Madison, Wisconsin, USA)		
17:45-18:00	<i>In vivo</i> imaging in drug discovery: the example of application in the development of novel estrogenic compounds Andrea Biserni, TOP Srl (Milano, Italy)		
18:00-19:00			ESMI Executive Committee meets Industry (Closed Meeting)
19:30	Gala Dinner at Zamojski Palace		

Day 3 - Saturday May 29, 2010

	ROZA	IRYS	GERBERA
08:00-08:45	ESMI General Assembly (Closed Meeting)		
09:00-10:00	ESMI Plenary Lecture 5 by Klaas Nicolay (Eindhoven, The Netherlands) <i>Multi-modality molecular imaging of atherosclerosis, using targeted contrast agents</i> Co-Chairs: Uwe Haberkorn (Heidelberg, Germany), Helmut Maecke (Freiburg, Germany)		
10:00-10:30	Coffee break & Exhibition		YIA Selection Committee
10:30-12:00	Parallel Session 9: Cardiovascular II Co-Chairs: Klaas Nicolay (Eindhoven, The Netherlands), Michael Schäfers (Münster, Germany)	Parallel Session 10: Cancer II (with COST action BM0607) Co-Chairs: Marion de Jong (Rotterdam, The Netherlands), Fabian Kiessling (Aachen, Germany)	
10:30-10:45	Advances in contrast-enhanced MRI of the mouse heart Gustav Strijkers (Eindhoven, The Netherlands)	Cancer Imaging Uwe Haberkorn (Heidelberg, Germany)	
10:45-11:00	Molecular imaging of $\alpha_v\beta_3$ integrin expression with 18F-galacto-RGD after experimental myocardial infarction: comparison with left ventricular remodeling and function Antti Saraste (Turku, Finland/Munich, Germany)	Controlled Drug Delivery under Image guidance Holger Grull (Eindhoven, The Netherlands)	
11:00-11:15	Existing and emerging animal models mimicking cardiovascular disease and their relevance for molecular imaging Michael Schäfers (Münster, Germany)	Targeted radionuclide imaging and therapy (COST Action BM0607), Marion de Jong (Rotterdam, The Netherlands)	
11:15-11:30	Imaging of matrix metalloproteinase activity in vulnerable human carotid plaques with multispectral optoacoustic tomography Daniel Razansky (Munich, Germany)	Targeting cancer stem cells using radiolabeled sonic hedgehog, Izabela Tworowska (Houston, USA)	
11:30-11:45	C-jun n-terminal kinase promotes inflammation at atherosclerosis-prone sites by enhancing expression and activity of nf-kb transcription factor Paul Evans (London, UK)	YIA Applicant's Presentation: Evaluation of the photosensitizer bremachlorin for photodynamic treatment of breast cancer bone metastasis Pieter Van Driel (Leiden, The Netherlands)	
11:45-12:00	YIA Applicant's Presentation: Absolute quantification in small animal pinhole gated myocardial perfusion SPECT Lode Goethals (Brussels, Belgium)	<i>In vivo</i> targeting of hek-hsst2/3/5 xenografts by 111in-labeled [(dota)ser1,leu8,trp22,tyr25]-ss-28 in scid mice Theodosia Maina (Athens, Greece)	
12:00-12:30	Break		YIA Selection Committee
12:30-13:30	ESMI Plenary Session and Closing Ceremony and Young Investigator Award Presentations Young Investigator Awards & Poster Awards Ceremony Co-Chairs: John Clark (Edinburgh, UK), Bertrand Tavitian (Orsay, France)		