

AUDITORI AXA CONVENTION CENTRE  
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LEVEL	Room Colour Codes	FUNCTION
Ground Floor	Main Entrance	registration
Ground Floor	„Win-Café“	poster area and lunch breaks
Ground Floor	Speaker's room	speaker's room
First Floor	Auditori	plenary lectures
First Floor	Foyer	exhibition area and coffee breaks
Souterrain	DEU I Mata sala no. 1	2nd meeting room
Souterrain	DEU I Mata sala no. 2	3rd meeting room
Port of Barcelona	Sala Maremagnum	Gala Dinner

## DAY 0: Wednesday, May 27

	AUDITORI	DEU I Mata sala no. 1	DEU I Mata sala no. 2
09:00-12:00			<i>ESMI Executive Committee Meeting (Closed Meeting)</i>
14:00-18:00	<b>REGISTRATION</b>		
	Posters' set up		
	Exhibitors' set up		
	Speakers' documents set up		
14:00-16:00			<i>ESMI Council Meeting (Closed Meeting)</i>
16:00-17:30			<i>DiMI Scientific Management Board Meeting (Closed Meeting)</i>
18:00-19:30	<b>Opening Ceremony</b> Welcome, <b>Andreas Jacobs</b> (ESMI President) Welcome, <b>Anna Planas</b> (ESMI Local Organiser) Catalan context of R&D <b>Juan Roca</b> (General Director for Research, Catalan Government) <b>Jean-Luc Sanne</b> (DG Research, European Commission) <b>Helmut Maecke</b> (EANM Representative) Laudatory Speech for ESMI Award 2009, <b>Bertrand Tavitian</b> (ESMI Past President)		
	<b>Inaugural Lecture</b> <b>Interplay and endpoints in molecular imaging biomarkers; a look to the future, Ignasi Carrio</b> (Barcelona, Spain)		
19:30-21:00	<b>Opening Reception and Exhibition</b>		
21:00-23:00	<b>Football Party</b> <b>Champions League Final 2009: Manchester United - FC Barcelona</b>		

**DAY 1: Thursday, May 28:**  
**TECHNOLOGY, PROBES, VECTORS, CELLS (NON-DISEASE ORIENTATED)**

	AUDITORI	DEU I Mata sala no. 1	DEU I Mata sala no. 2
7:30-9:00	DiMI WP3 Meeting (Closed Meeting)	DiMI WP2 Meeting (Closed Meeting)	EMIL WP3 and WP4 Meeting (Closed Meeting)
08:00-09:15 Registration and Coffee			
09:15-10:15 <b>ESMI Plenary Lecture 1: New insights into stem cell biology - All about induced pluripotent stem cells</b> <b>Harald Mikkers</b> (Leiden, The Netherlands) <b>Co-Chairs:</b> Andreas Jacobs (Cologne, Germany), Clemens Lowik (Leiden, The Netherlands)			
10:30-12:00	<b>Parallel Session 1: Technology</b>		<b>Parallel Session 2: Probes</b> (together with COST)
	<b>Co-Chairs:</b> John Clark (Cambridge, UK), Bernd Pichler (Tuebingen, Germany), Serge Maitrejean (Paris, France)		<b>Co-Chairs:</b> David Parker (Durham, UK), Franck Roesch (Mainz, Germany), Gustav Strijkers (Eindhoven, The Netherlands)
	10:30-10:45	State of the art optical and opto-acoustic molecular tomography <b>Vasilis Nziachristos</b> (Munich, Germany)	Non-peptidic 68-Ga imaging agents, <b>Patrick Riss</b> (Mainz, Germany)
	10:45-11:00	Topaze: New paradigm in PET technology using room temperature semiconductors <b>Serge Maitrejean</b> (Paris, France)	Peptidic 68Ga und 64Cu based PET imaging agents <b>Abiraj Keelara</b> (Basel, Switzerland)
	11:00-11:15	Current advances in multimodality imaging: PET/MRI <b>Bernd Pichler</b> (Tuebingen, Germany)	Cell uptake mechanisms of lanthanide probes <b>Elizabeth New</b> (Durham, UK)
	11:15-11:30	Time-resolved projection and diffuse fluorescence tomography (FLIM-OPT and DFT) <b>James McGinty</b> (London, UK)	A Boron/Gd/LDL adduct for imaging-guided neutron capture therapy <b>Simonetta Geninatti-Crich</b> (Torino, Italy)
	11:30-11:45	Statistical 4D reconstruction of dynamic CT images: preliminary results <b>Manuel Desco</b> (Madrid, Spain)	Temperature-sensitive liposomes for MR image-guided drug delivery <b>Sander Langereis</b> (Phillips, Eindhoven, The Netherlands)
11:45-12:00	Evaluation of the optical tomographic technique by means of controlled inclusions of fluorophores and by correlation with the PET imaging <b>Anikitos Garofalakis</b> (Orsay, France)	Enhanced T2 contrast agents by embedding clusters of maghemite nanoparticles in a microporous silica shell <b>Anna Roig</b> (Bellaterra, Spain)	
12:00-13:00 Lunch Break			

<b>13:00-14:30</b>	<b>Parallel Session 3: Probe Design</b> <b>Co-Chairs:</b> Silvio Aime (Torino, Italy), Bengt Långström (Uppsala, Sweden), Denis Guilloteau (Tours, France)	<b>Parallel Session 4: Gene &amp; Cell Therapy I</b> (together with Clinigene) <b>Co-Chairs:</b> Cornel Fraefel (Zürich, Switzerland), Andreas Jacobs (Cologne, Germany)
13:00-13:15	Vulnerability of <i>in vivo</i> radioligand binding to pharmacological manipulation of endogenous neurotransmitters <b>Christer Halldin</b> (Stockholm, Sweden)	Imaging HSV-1 vector mediated gene therapy <i>in vivo</i> <b>Cornel Fraefel</b> (Zürich, Switzerland)
13:15-13:30	Applications of liquid chromatography-mass spectrometry in radiopharmaceutical chemistry <b>Bert Windhorst</b> (Amsterdam, The Netherlands)	PET imaging demonstrates correlation between behavioural recovery and correction of dopamine neurotransmission after gene therapy <b>Sonia Lavisse</b> (Paris, France)
13:30-13:45	Towards enzymatically activated PARACEST agents and bimodal (NIR optical and MRI) probes <b>Eva Toth</b> (Orleans, France)	PET imaging of AAV-mediated gene transfer to liver and muscle <b>Luigi Aloj</b> (Naples, Italy)
13:45-14:00	Water exchange effects in liposomal MRI contrast agents <b>Gustav Strijkers</b> (Eindhoven, The Netherlands)	Enhanced detection of gene therapy response in rat glioma using novel spin-lock MRI contrasts <b>Olli Grohn</b> (Kuopio, Finland)
14:00-14:15	18F-Labelled tyrosine kinase inhibitor for EGFR kinase activity imaging in tumours <b>Bernd Neumeier</b> (Cologne, Germany)	New superparamagnetic lentiviral nanoparticles for optical and MRI Imaging <b>Fernando Herranz</b> (London, UK)
14:15-14:30	Preclinical relevance of 99mTc-NTP 15-5 radiotracer for <i>in vivo</i> SPECT assessment of degenerative and tumoural pathologies of cartilage <b>Elisabeth Miot-Noirault</b> (Clermont Ferrand, France)	Combined non-invasive bioluminescence and magnetic resonance imaging of pulmonary gene expression after adeno-associated viral vector administration in a fetal mouse model <b>Marianne Carlon</b> (Leuven, Belgium)

**14:30-15:15** **Coffee break**

**15:15-16:00** **ESMI Plenary Lecture 2 - Imaging Infection, Spencer Shorte** (Paris, France)  
**Co-Chairs:** Adriaan Lammertsma (Amsterdam, The Netherlands), Chrit Moonen (Bordeaux, France)

**16:00-17:15** **Poster Session** (odd poster numbers)

<b>17:30-19:00</b>	<b>Parallel Session 5: Technology and Probes in OI</b> (with Molim) <b>Co-Chairs:</b> Jorge Ripoll (Crete, Greece), Vasilis Nziachristos (Munich, Germany)	<b>Parallel Session 6: Imaging Infection / Gene &amp; Cell Therapy II</b> <b>Co-Chairs:</b> Mathias Hoehn (Cologne, Germany), Spencer Shorte (Paris, France), Alex Soriano (Barcelona, Spain)
17:30-17:45	Molecular imaging of dynamic morphogenetic processes: live Optical projection tomography of mouse limb development, <b>James Sharpe</b> (Barcelona, Spain)	99mTc-Ciprofloxacin preparation and quality control. Applications in diagnosis of infection <b>Daniel Rodriguez-Puig</b> (Barcelona Spain)
17:45-18:00	Common regulatory mechanisms in enteric lymphoid and neuronal organogenesis <b>Henrique Veiga Fernandes</b> (Lisbon, Portugal)	PET imaging of spinal cord lesions in rat experimental autoimmune encephalomyelitis using the peripheral benzodiazepine receptor ligand, [18F]-DPA714 <b>Galith Arbourbeh</b> (Orsay, France)
18:00-18:15	Imaging signal transduction network components - a contribution to systems biology, <b>Carsten Schultz</b> (Heidelberg, Germany)	<i>In vivo</i> spatio-temporal control of gene expression using a cellular vector in the rat kidney <b>Franck Couillaud</b> (Bordeaux, France)
18:15-18:30	Nanoparticulate contrast agents for high resolution photoacoustic imaging <b>Robert Lemor</b> (Sankt Ingbert, Germany)	<b>YIA Applicant's Presentation:</b> Dendritic cell labelling with paramagnetic nanoparticles for <i>in vivo</i> magnetic resonance imaging: Evaluation of phenotypic features and functionality <b>Christina Martelli</b> (Milano, Italy)
18:30-18:45	Optical projection tomography (OPT) for <i>in-vivo</i> applications <b>Udo Birk</b> (Heraklion, Greece)	Endorem®-protamine sulfate is more effective than Resovist® for cell labeling: implications for clinically applicable cell tracking using MRI <b>Gerben Van Buul</b> (Den Haag, The Netherlands)
18:45-19:00	<b>YIA Applicant's Presentation:</b> High resolution imaging of optical molecular markers in mesoscopic diffusion regimes <b>Daniel Razansky</b> (Neuherberg, Germany)	Tracking <i>in vivo</i> migration of small cell populations during brain damage by MRI <b>Manuel Desco</b> (Madrid, Spain)

**19:15-20:00** **DiMI General Assembly** (Closed meeting)

**DAY 2: Friday, May 29:**  
**NEUROSCIENCE AND CARDIOVASCULAR DISEASE**

	AUDITORI	DEU I Mata sala no. 1	DEU I Mata sala no. 2
<b>7:00-7:30</b>	<b>ESMI General Assembly</b> (Closed Meeting)		
<b>7:30-9:00</b>	<b>DiMI WP8.2</b> (Closed Meeting)	<b>DiMI WP3 and WP9 Meeting</b> (Closed Meeting)	<b>EMIL WP1 Meeting</b> (Closed Meeting)
<b>08:00-09:00</b>	<b>Registration and Coffee</b>		
<b>09:00-09:15</b>	<b>FP7 New calls for proposals, Jean-Luc Sanne</b> (DG Research, European Commission)		
<b>09:15-10:15</b>	<b>ESMI Plenary Lecture 3 - Molecular mechanisms in neurodegeneration, Joerg Schulz</b> (Aachen, Germany) Co-Chairs: Silvio Aime (Turino, Italy), Bertrand Tavitian (Orsay, France)		
<b>10:30-12:00</b>	<p><b>Parallel Session 7: Neuroscience from Bench to Bedside I</b> Co-Chairs: Anna Planas (Barcelona, Spain), Karl Herholz (Manchester, UK), Gitte Knudsen (Copenhagen, Denmark)</p>	<p><b>Parallel Session 8: Cardiovascular from Bench to Bedside I</b> Co-Chairs: Ignasi Carrio (Barcelona, Spain), Michael Schäfers (Münster, Germany)</p>	
<b>10:30-10:45</b>	Optical imaging in experimental models of Parkinson's disease <b>Veerle Reumers</b> (Leuven, Belgium)	New molecular markers for imaging of atherosclerosis by SPECT and PET <b>Michael Schäfers (Münster, Germany)</b>	
<b>10:45-11:00</b>	Imaging non motor symptoms of Parkinson's disease <b>David Brooks</b> (London, UK)	Molecular MRI of Atherosclerosis <b>Marcus Makowski</b> (London, UK)	
<b>11:00-11:15</b>	Serotonergic deficits in Alzheimers disease: Findings in transgenic mice and in AD patients <b>Gitte Knudsen</b> (Copenhagen, Denmark)	Tomographic Optical imaging reveals TGFbeta regulated increase in matrix-metalloprotease activity at aneurysmal lesions in live fibulin-4 mice <b>Jeroen Essers</b> (Rotterdam, The Netherlands)	
<b>11:15-11:30</b>	European collaboration on PET amyloid imaging in patients with mild cognitive impairment (MCI) <b>Karl Herholz</b> (Manchester, UK)	Analysis of lipid-based MR contrast agents to detect atherosclerotic plaques in the aortic arch <b>Birgit Den Adel</b> (Leiden, The Netherlands)	
<b>11:30-11:45</b>	Role of TREM-2 in neurodegenerative disorders of the central nervous system <b>Rosa Maria Moresco</b> (Milan, Italy)	Quantification of inflammation in atheroma: Positron emission tomography <b>Joseph Bird</b> (Cambridge, UK)	
<b>11:45-12:00</b>	A longitudinal $\mu$ PET study of cerebral metabolism and dopaminergic neurotransmission in the transgenic rat model of Huntington's disease <b>Nadja van Camp</b> (Orsay, France/Antwerp, Belgium)	Molecular MRI of apoptosis in atherosclerotic plaque by using a peptide-vectorized paramagnetic imaging probe <b>Carmen Burtea</b> (Mons, Belgium)	
<b>12:00-13:00</b>	<b>Lunch Break</b>		

<b>13:00-14:30</b>	<b>Parallel Session 9: Neuroscience from Bench to Bedside II</b> (with EANM) <b>Co-Chairs:</b> Koen van Laere (Leuven, Belgium), Annemie van der Linden (Antwerp, Belgium), Markus Rudin (Zuerich, Switzerland)	<b>Parallel Session 10: Cardiovascular from Bench to Bedside II</b> <b>Co-Chairs:</b> Markus Schwaiger (Munich, Germany), Gustav Strijkers (Eindhoven, The Netherlands)
13:00-13:15	phfMRI in models of psychiatric diseases <b>Thomas Mueggler</b> (Zuerich, Switzerland)	The combination of MRI and PET for the preclinical assessment of myocardial function <b>Lars Stegger</b> (Muenster, Germany)
13:15-13:30	Serotonin 2A receptor binding in drug-naive patients with schizophrenia <b>Gitte Knudsen</b> (Copenhagen, Denmark)	Evaluation of cardiac function by high resolution MRI after cellular cardiomyoplasty <b>Willi Roell</b> (Bonn, Germany)
13:30-13:45	MRI of animal models and patients with ALS <b>Greet Vanhoutte</b> (Antwerp/Leuven, Belgium)	Evaluation of [18F]Galacto-RGD, a PET tracer targeting alpha-v-beta-3 expression, for molecular imaging of atherosclerosis in mice <b>Antti Saraste</b> (Munich, Germany)
13:45-14:00	<b>YIA Applicant's Presentation:</b> Evaluation of the TSPO (18KDa)/PBR radioligand [18F] DPA-714 in a rat model of focal cerebral ischemia <b>Abraham Martin</b> (Orsay, France)	<i>In vivo</i> assessment of myocardial noradrenaline re-uptake in mice using [11C] m-hydroxyepedrine and small animal PET <b>Marilyn Law</b> (Muenster, Germany)
14:00-14:15	Non-invasive near-infrared fluorescence imaging of MMP activity after cerebral ischemia <b>Jan Klohs</b> (Berlin, Germany)	Characterization by means of 18F-FDG microPET of the early stage of cardiac and cerebral remodeling in current models of spontaneously hypertensive rats <b>Fatiha Maskali</b> (Metz, France)
14:15-14:30	Brain imaging of a new paramagnetic derivative of tPA: a tool to evaluate thrombolysis related risks? <b>Cyrille Orset</b> (Caen, France)	Multimodal Assessment of myocardial infarction in rats: comparison of late gadolinium enhanced MRI and PET <b>Lorena Cussó</b> (Madrid, Spain)

**14:30-15:15** **Coffee break**

**15:15-16:00** **ESMI Plenary Session 4 - Industrial Plenary Session "What are the scientific needs of industry from basic research and vice versa?"**  
**Claudia Oerther** (BRUKER), **Jeff Harford** (LI-COR Biosciences), **Christian Toader** (GEHC), **Ronald Koop** (Caliper Lifesciences), **Bas Hulshof** (ART), **Jeffrey D. Peterson** (visen)  
**Co-Chairs:** Markus Schwaiger (Munich, Germany), Clemens Lowik (Leiden, The Netherlands), Bernd Pichler (Tuebingen, Germany)

**16:00-17:15** **Poster Session** (even poster numbers)

<b>17:30-19:00</b>	<b>Parallel Session 11: Inflammation</b> <b>Co-Chairs:</b> Harald Carlsen (Oslo, Norway), Frédéric Dollé (Orsay, France), Laura Oleaga (Barcelona, Spain)	<b>Parallel Session 12: Metabolic Disorders</b> <b>Co-Chairs:</b> Adriana Maggi (Milano, Italy), Tony Lahoutte (Brussels, Belgium)
17:30-17:45	Beyond [11C]PK11195: The quest for PBR-radioligand structures for imaging neuroinflammation with PET <b>Frédéric Dollé</b> (Orsay, France)	Bioluminescence imaging of cell replacement therapy with acinar to beta cell converted cells <b>Luc Baeyens</b> (Brussels, Belgium)
17:45-18:00	PET-imaging of the PBR as a hallmark of neuroinflammation: Comparative studies with recently discovered radioligands <b>Hervé Boutin</b> (Manchester, UK)	repTOP™PPRE-Luc mouse: A novel tool for <i>in vivo</i> drug profiling of PPAR drugs <b>Andrea Biserni</b> (Milano, Italy)
18:00-18:15	Imaging estrogen activity in neuroinflammation <b>Elisabetta Vegeto</b> (Milano, Italy)	Ga-68-DOTA-Exendin-3, a new promising agent for <i>in vivo</i> molecular imaging of insulinomas by PET <b>Martin Gotthardt</b> (Nijmegen, The Netherlands)
18:15-18:30	Regulation of endothelial activation and vascular inflammation by shear stress <b>Paul Evans</b> (London, UK)	Assessment of functional renal disorders in rat models of polycystic kidney disease with optical imaging and dynamic MRI <b>Maliha Sadick</b> (Mannheim, Germany)
18:30-18:45	Molecular imaging of lung [18F]FDG uptake in a murine model of unilateral acid aspiration <b>Giuseppe Di Grigoli</b> (Milano, Italy)	Blood retinal barrier breakdown analysis by <i>in vivo</i> fluorescence imaging <b>Victor Nacher</b> (Bellaterra, Spain)
18:45-19:00	<b>YIA Applicant's Presentation:</b> Tetraamine-derived bifunctional chelators for 99mTc labeling: synthesis, bioconjugation and evaluation as targeted SPECT imaging probes for GRPr positive tumors <b>Abiraj Keelara</b> (Basel, Switzerland)	Determination of the beta-cell mass by SPECT imaging with 111In-DTPA-Exendin-3 in rats <b>Martin Gotthardt</b> (Nijmegen, The Netherlands)

**19.15-20.00** **EMIL General Assembly** (Closed Meeting)

**20:30** **Gala Dinner** (19:30 and 20:00 Bus transfer from the Auditori Axa to Sala Maremagnum)

**DAY 3: Saturday, May 30:**

**CANCER**

	<b>AUDITORI</b>	<b>DEU I Mata sala no. 1</b>	<b>DEU I Mata sala no. 2</b>
<b>7:30-9:00</b>	<b>DiMI WP4.1, 4.2 and EMIL WP2 Meeting</b> (Closed Meeting)	<b>Working Meeting</b> (Closed Meeting)	<b>EMIL WP7 Meeting</b> (Closed Meeting)
<b>08:00-09:15</b>	<b>Registration and Coffee</b>		
<b>09:15-10:15</b>	<b>ESMI Plenary Lecture 5 - The need for multi-modal molecular imaging in Cancer Research, NN</b> <b>Co-Chairs:</b> Anemie van der Linden (Antwerp, Belgium), Uwe Haberkorn (Heidelberg, Germany)		
<b>10:30-12:00</b>	<b>Parallel Session13: Cancer Bench to Bedside I</b> <b>Co-Chairs:</b> Fabian Kiessling (Aachen, Germany), Clemens Lowik (Leiden, The Netherlands), Carles Arus (Barcelona, Spain)	<b>Parallel Session 14: Cancer (drug development)</b> <b>Co-Chairs:</b> Bertrand Tavitian (Orsay, France), Christoph Bremer (Münster, Germany), Helmut Maecke (Basel, Switzerland)	
10:30-10:45	MRSI based molecular imaging of preclinical brain tumour models. <b>Carles Arús</b> (Barcelona, Spain)	Imaging in oncology and impact on first-in-human trial design <b>Mats Bergstrom</b> (GSK London, UK)	
10:45-11:00	Status of brain tumor imaging using PET (+optical in animals) <b>Andreas Jacobs</b> (Cologne, Germany)	Mats Bergstrom continues Norman Koglin starts	
11:00-11:15	Pre-clinical validation of real-time near infrared fluorescent imaging of breast cancer in a rat model <b>Alex Vahrmeijer</b> (Leiden, The Netherlands)	Molecular imaging for improved tumor diagnosis and drug development <b>Norman Koglin</b> (Bayer Schering Berlin, Germany)	
11:15-11:30	3D optical imaging and fluorescent probes development for optical imaging : one step toward the bedside <b>Jean Luc Coll</b> (Grenoble, France)	Differential SELEX in human glioma and NSCLC cell lines <b>Vittorio De Franciscis</b> (Naples, Italy)	
11:30-11:45	Small molecule MDM2-inhibitor activates p53 function and sensitizes gliomas cells to BCNU <b>Parisa Monfared</b> (Cologne, Germany)	PET and MRI preclinical evaluation of the efficiency of an anti-angiogenic treatment on an orthotopic rat glioma model based on the determination of the changes of vascular parameters along with hypoxia <b>Samuel Valable</b> (Caen, France)	
11:45-12:00	Kidney uptake reduction of 99mTechnetium labelled epidermal growth factor receptor specific Nanobody by lysine and Gelofusine in mice <b>Lea Olive Tchouate Gaïnkam</b> (Brussels, Belgium)	Low dose, metronomic, chemotherapy with cyclophosphamide and bisphosphonates have an additive therapeutic effect on tumor progression in a murine model for bone metastasis of breast cancer quantified with bioluminescent imaging and micro CT <b>Thomas Snoeks</b> (Leiden, The Netherlands)	
<b>12:00-13:00</b>	<b>Lunch Break</b>		

13:00-14:30	<b>Parallel Session 15: Cancer Bench to Bedside II</b> (together with EANM)	<b>Parallel Session 16: Cancer (biology)</b>
	<b>Co-Chairs:</b> Uwe Haberkorn (Heidelberg, Germany), Arend Heerschap (Nijmegen, The Netherlands)	<b>Co-Chairs:</b> Peter Friedl (Würzburg, Germany), Silvana del Vecchio (Naples, Italy), Jeronimo Blanco (Barcelona, Spain)
13:00-13:15	Imaging $\alpha\beta3$ expression in tumors <b>Ambros Beer</b> (Munich, Germany)	Infrared multiphoton microscopy: subcellular-resolved deep tumor imaging <b>Peter Friedl</b> (Würzburg, Germany)
13:15-13:30	Imaging expression of vascular endothelial growth factor (VEGF) in tumors with a radiolabeled anti-VEGF monoclonal antibody <b>Thamar Stollman</b> (Nijmegen, The Netherlands)	Imaging of EGFR TKI resistance in non-small cell lung cancer <b>Silvana Del Vecchio</b> (Naples, Italy)
13:30-13:45	Lessons from translational studies on MR imaging of tumor vasculature with iron and gadolinium contrast <b>Arend Heerschap</b> (Nijmegen, The Netherlands)	Humanized nanobodies for imaging cancer <b>Nick Devoogdt</b> (Brussels, Belgium)
13:45-14:00	microPET/CT of mice bearing $\alpha(v)\beta(3)$ -expressing tumors by a $^{18}F$ -labeled bifunctional chimeric RGD peptide <b>Antonella Zanetti</b> (Naples, Italy)	<b>YIA Applicant's Presentation:</b> <i>In vivo</i> imaging of early stage apoptosis measuring real-time caspase-3 activation <b>Matteo Scabini</b> (Milano, Italy)
14:00-14:15	Non-invasive monitoring of tumor vascularization using flat panel-volume CT allows evaluation of novel anti-angiogenic cancer therapies <b>Jeannine Missbach-Guenther</b> (Goettingen, Germany)	Autoradiographic and small-animal PET comparisons between [ $^{18}F$ ]Faza and [ $^{64}Cu$ ] ATSM in EMT-6, FaDu and PC-3 xenograft tumor models <b>Valeria Carina</b> (Milano, Italy)
14:15-14:30	<b>YIA Applicant's Presentation:</b> Molecular imaging characterisation of new rat models of glioblastoma development displaying an invasive or an angiogenic phenotype <b>Thomas Viel</b> (Cologne, Germany)	A novel far-red fluorescent sensor for reactive oxygen species and the intracellular redox state <b>Giovambattista Pani</b> (Rome, Italy)

**14:30-15:15** **Coffee break**

**15:15-16:00** **ESMI Plenary Session 6 – Young Investigator Award presentations**  
**Co-Chairs:** Andrea Varrone (Stockholm, Sweden), Sabina Pappata (Naples, Italy)

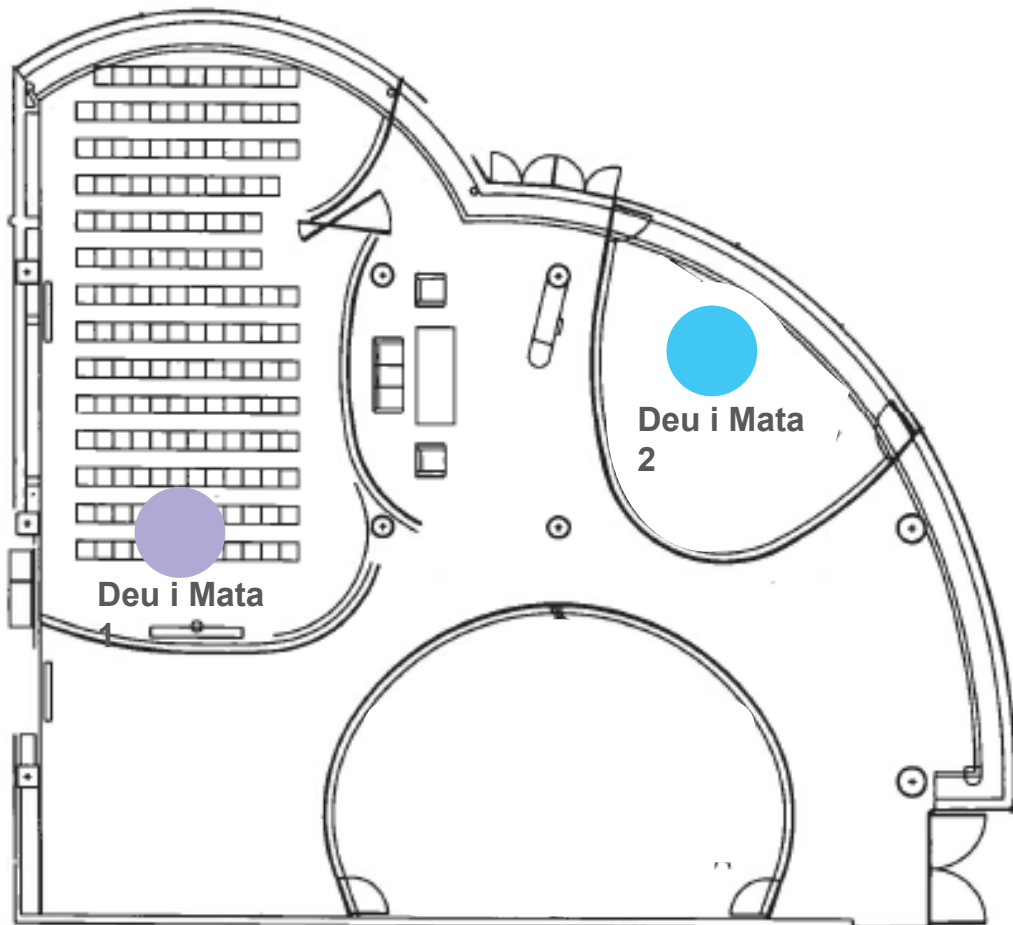
**16:00-17:00** **Closing Ceremony**

**NOTES:**



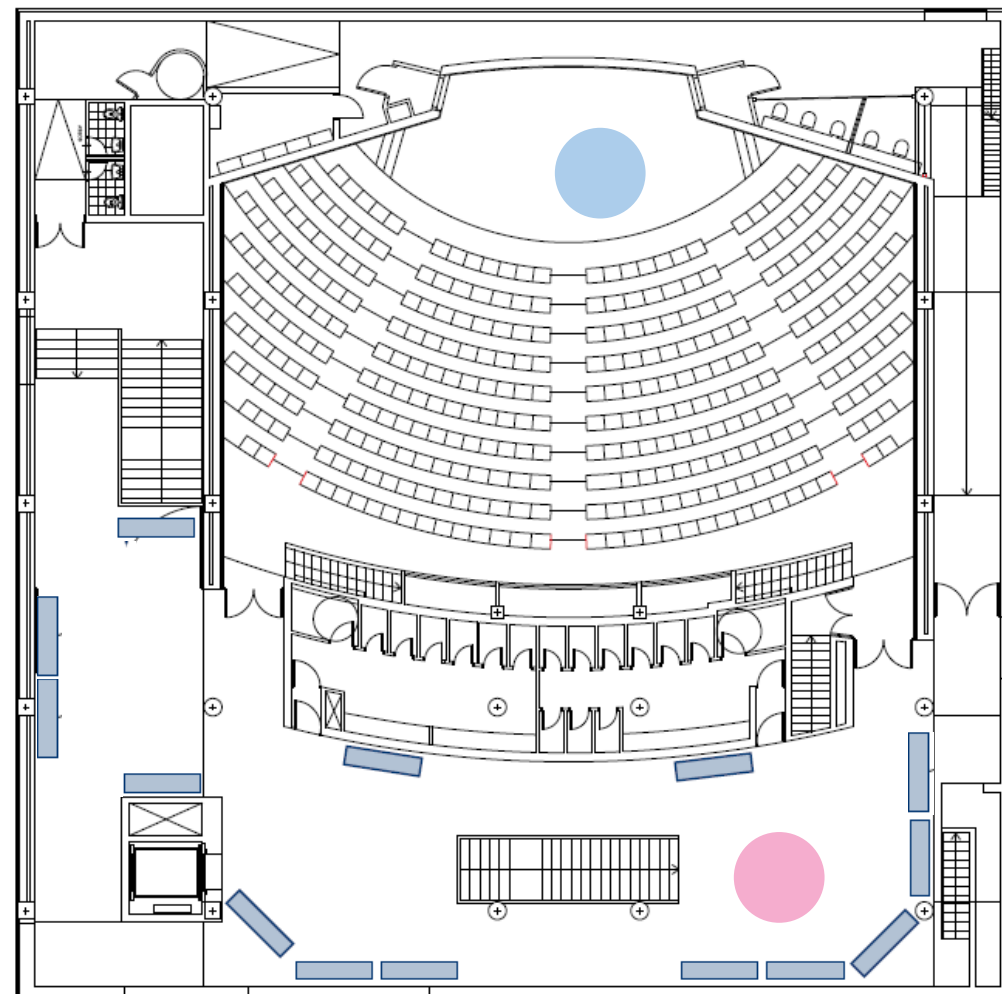
# SOUTERAIN

DEU I MATA N° 1 AND DEU I MATA N° 2

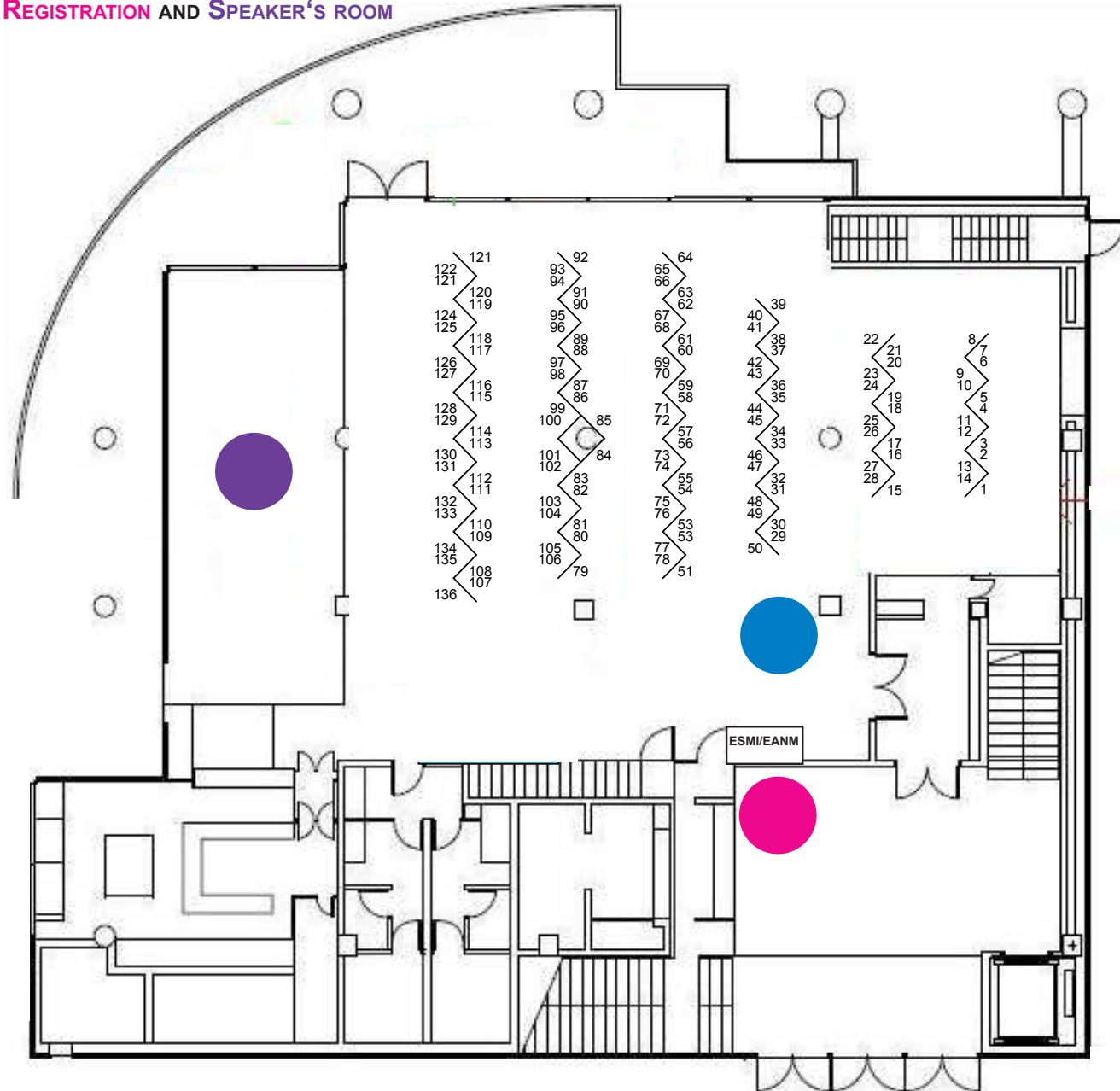


# FIRST FLOOR

AUDITORIUM AND EXHIBITION



**GROUND FLOOR**  
**WIN CAFE / POSTERS,**  
**REGISTRATION AND SPEAKER'S ROOM**



**POSTER N°**  
**COLOUR AND RELATED TOPIC**

**P-001 - P-022**

Technology – Technical Advances in MI Instrumentation

**P-023 - P-043**

Probe Design – Innovative Approaches to Molecular Imaging Probes

**P-044 - P-049**

New Developments in Optical Probes and Instrumentation

**P-050 - P-060**

Imaging-guided Gene & Cell based Therapies

**P-061 - P-067**

MI of Infection and Inflammation

**P-068 - P-091**

Molecular Neuroimaging: from Bench to Bedside

**P-092 - P-095**

Imaging in Cardiovascular Disease: from Bench to Bedside

**P-096 - P-104**

Cancer from Bench to Bedside – Translational Research in Oncology

**P-105 - P120**

Imaging in Anticancer Drug Development

**P-121 - P-136**

MI in Cancer Biology – Visualisation of Extra- and Intracellular Processes