

Tuesday   12 March 2024						
room	1 - INFANTE 2 <sup>nd</sup> floor	2 - D. MARIA 2 <sup>nd</sup> floor	3 - NOBLE HALL ground floor	4 - DESPACHANTES ground floor	5 - AUDITORIUM ground floor	extern
PLENARY ROOM - EAST 2 <sup>nd</sup> floor						
08.00-09.00	Registration					
09.00-10.00	3R Symposium (6 CPD certified upon full completion)	Kick off   Portuguese Session	Science Speed-Dating by youngESMI			
10.00-10.30	Welcome Coffee					
10.30-11.15	3R Symposium	Kick off   Portuguese Session	TT 01   Academia meets the Clinics & Industry	TT 02   Fellowships & Grant Writing	TT 03   AI & ChatGPT in Research	
11.15-11.30						
11.30-13.00		ES 01   Clinical Trials Design & Best Practice	ES 02   MRI Pulse Sequences Principles, Misconceptions & Applications	ES 03   Pharmaceuticals & Diagnostics Fundamentals & Design Principles	ES 04   X-Ray/CT Basics & Developments	
13.00-13.30	Lunch Break					
13.30-15.00	3R Symposium (6 CPD certified upon full completion)	ES 01   Clinical Trials Design & Best Practice	ES 02   MRI Pulse Sequences Principles, Misconceptions & Applications	ES 03   Pharmaceuticals & Diagnostics Fundamentals & Design Principles	ES 04   X-Ray/CT Basics & Developments	
15.00-15.15						
15.15-16.45	PRO 01   Real Time Molecular Imager with Unsurpassed Resolution (by RETIMAGER)	PRO 02   Multimodal Imaging for Detection & Characterization of Breast Cancer (by REAP)	PRO 03   Translational Imaging in Drug Safety Assessment (by TRISTAN)	PRO 04   Next Generation in-vivo Fluorescence Imaging (by CoDaFlight)	PRO 05   Progress on Benchtop NMR for Lab-on-Chip (by BLOC)	
16.45-17.15	Exhibition & Coffee Break					
17.15-18.45	SG 01   Image-Guided Drug Delivery	SG 02   Neuroimaging	SG 03   Intra-Operative Imaging	SG 04   Hyperpolarized MRI	SG 05   Lung & X-ray Imaging	
18.45-20.15	SG 06   Chemistry	SG 07   Standardization in Small Animal Imaging	SG 08   Onco-Immunology & Therapy	SG 09   Cardiovascular Imaging	SG 10   Mass Spectrometry Imaging	Thematic Bar Hopping
20.15	Study Group/young ESMI Bar Hopping   ticket required (extern, start: 19.00h)					

Wednesday   13 March 2024					
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PLENARY ROOM - EAST 2 <sup>nd</sup> floor					
08.00-08.30	Registration				
08.30-09.00					
PL 00   OPENING SESSION					
09.00-10.15	PL 01   <b>KULLERVO HYNYNEN</b> , Toronto MRI-Guided Focused Ultrasound				
10.15-10.45	Welcome Coffee & Exhibition				
10.45-12.15	PS   01 Multi-modality / -plexed   Probes & Reporter Genes	PS   02 Data Analysis & AI	PS   03 Optical Technologies & Spatial Tissue Omics	PS   04 Preclinical Studies   Cancer Therapy & Diagnosis	PS   05 Imaging of Pathogens
12.15-12.30					
12.30-13.15	LS 01   <b>BRUKER</b> Lunch Symposium	Exhibition & Lunch Break			
13.15-13.30					
13.30-14.15	PL 02   <b>MICHELLE BRADBURY</b> , New York New Frontiers and Emerging Nanomaterials for Advancing Image-Guided Perioperative Cancer Care & Drug Delivery				
14.15-14.30					
14.30-16.00	PS   06 PET/SPECT   Probes & Reporter Genes	PS   07 Cardiovascular Imaging	PS   08 Molecular & Cellular Tracing (late-breaking session)	PS   09 MRI, MRS & MPI Technologies	PS   10 Metabolism
16.00-16.30	Exhibition & Coffee Break				
16.30-18.00	PS   11 Brain (Micro-) Structure, Anatomy & Receptors	PS   12 Gastrointestinal Imaging	PS   13 Multiscale & Multimodal Imaging (late-breaking session)	PS   14 Cancer Immunology & Immunotherapy	PS   15 Advanced in vitro Models
18.00-18.15					
18.15-19.00	PL 03   AWARD EVENING LECTURE (ESMI Award 2024) <b>ELISABETH DE VRIES</b> , Groningen   Molecular Imaging for the Bigger Cancer Medicine Picture				
19.00-19.30	OPENING RECEPTION & EXHIBITION			Poster Session is held in parallel to the Opening Reception & Exhibition	
19.30-19.45	Poster Session prep				
19.45-21.30	POSTER SESSION I Opening Reception & Exhibition				

Thursday   14 March 2024					
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PLENARY ROOM - EAST 2 <sup>nd</sup> floor					
08.00-08:30	BS 01   MILabs Breakfast Symposium	Registration			
08.30-09.00					
09.00-10:30	PS   16 Optical / Ultrasound / Optoacoustic   Probes & Reporter Genes	PS   17 X-ray, PET, SPECT & Hybrid Technologies	PS   18 Image-Guided Drug Delivery	PS   19 Clinical Studies   Cancer Therapy & Diagnosis	PS   20 Pulmonary & (Micro) Vascular Imaging
10:30-11:00	Coffee Break & Exhibition				
11:00-11:45	PL 04   <b>STEPHEN BADYLAK</b> , Pittsburgh The Extracellular Matrix & Structure-Function Relationships in Regenerative Medicine				
11:45-12:00					
12:00-13:30	FS 01   Tissue Engineering & Regenerative Medicine	FS 02   RNA Therapeutics (in collaboration with Controlled Release Society)	FS 03   Focused Ultrasound for Brain Applications (in collaboration with Focused Ultrasound Foundation)	FS 04   Cell Tracking	FS 05   Advanced Algorithms
13.30-13:45					
13.45-14.30	LS 02   <b>MEDISO</b> Lunch Symposium	Exhibition & Lunch Break			
14.30-14.45					
14:45-15:30	PL 05   <b>JOSEPH MORAN</b> , Strasbourg The Metabolic Origin of Life				
15:30-15:45					
15:45-17:15	PS   21 Neuroimaging Tools in Disease Models	PS   22 Image Acquisition & Reconstruction	PS   23 Mesoscopic & Mass Spec Imaging (late-breaking session)	PS   24 Cancer Biology	PS   25 Interventional & Surgical Imaging
17:15-17:45	Exhibition & Coffee Break	Members Assembly (17.30h-18.00h)	Exhibition & Coffee Break		
17:45-19.00	IND 01   Quantitative Imaging with Phantech & Imalytics		INFRA 01   New Horizons in Hyperpolarized 13C MRI (by QuE-MRT & HYPERBOLIC)	INFRA 02   Clinical Translation of Photoacoustic Imaging (by IPASC)	INFRA 03   Improving MRI Quality without Overly Restrictive Standardization (by AMIRE)
19.00-20:00	Party prep				
20:00	EMIM 2024 Get-Together   ticket required				

Friday   15 March 2024					
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PLENARY ROOM - EAST 2 <sup>nd</sup> floor					
08:30-09:30	Registration				
09:30-11:00	PS   26 Brain Metabolism, Function & Perfusion	PS   27 Imaging Host Responses in Inflammation & Infection	PS   28 MRI/MPI   Probes & Reporter Genes	PS   29 New Tools to Image Cancer	PS   30 Ultrasound & Optoacoustic Technologies
11:00-11:45	PL 06   <b>CRISTINA SIMO COSTA</b> , St Louis (ESMI Award for Excellent Thesis) Radiolabelling, monitoring, and preclinical evaluation of urease-powered nanomotors as potential theranostic agent for bladder cancer				
11:45-12:00	Poster Session prep				
12:00-13:30	POSTER SESSION II EXHIBITION & LUNCH BREAK				
13.30-14:30	PL 07-09   EMIM 2024 Young Investigator Award Final (YIA)				
14:30-15:00	Awarding & Farewell				
<p>TT = Think Tank by yESMI Groups            SG = Study Group Meeting            ES = Educational Session            PRO = Project Session            PS = Parallel Session            PL = Plenary Lecture            FS = Focus Session            BS = Breakfast Symposium            LS = Lunch Symposium            IND = Industry Session            INFRA = Research Infrastructure Session</p>					