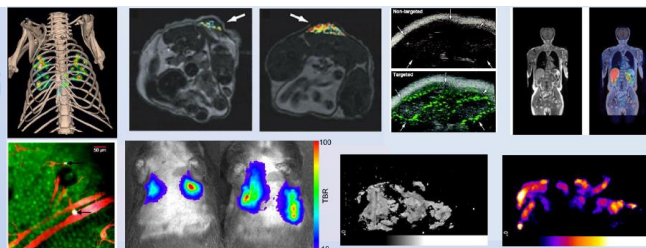


SCOTTISH MOLECULAR IMAGING MEETING

SMIM 2018

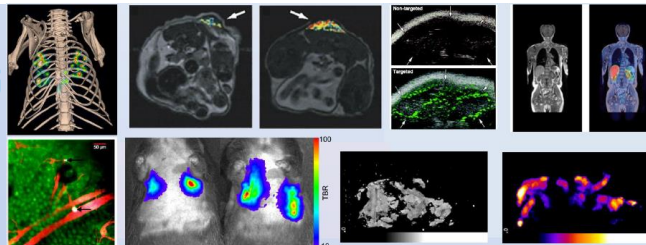


19th September 2018

09:00am to 09:50am	Registration, Poster Set-Up & Tea / Coffee
09:50am to 10:00am	Welcome and Introduction to SINAPSE Molecular Imaging Group <i>Dr David Lewis, Beatson Institute for Cancer Research and Dr Kristin Flegal, SINAPSE Lead Scientist, University of Glasgow</i>
Session 1	Technology Development I (Chair: Prof Andy Harvey)
10:00am to 10:20am	INVITED SPEAKER: Chemical fluorophores that 'switch' between cell states <i>Dr Marc Vendrell, University of Edinburgh</i>
10:20am to 10:40am	INVITED SPEAKER: Pushing the frontiers of PET imaging: new radiotracers and new modelling techniques <i>Dr Adriana Tavares, University of Edinburgh</i>
10:40am to 10:50am	SHORT PROFFERED TALK: [¹⁸ F]AZ68: a PFKFB3 targeted PET tracer for imaging atherosclerotic plaque <i>Carlo Dedominicis, University of Aberdeen</i>
10:50am to 11:00am	SHORT PROFFERED TALK: Imaging intracellular drug distribution using stimulated Raman scattering microscopy <i>Dr William Tipping, University of Edinburgh</i>
11:00am to 11:30am	Coffee & Exhibitors
Session 2	Technology Development II (Chair: Prof Matteo Zanda)
11:30am to 12:00pm	POSTER PRESENTATIONS – 2 min pitches
12:00pm to 12:40pm	KEYNOTE: Simultaneous positron emission tomography and ultrafast ultrasound for molecular, anatomical and functional cross-imaging: the PETRUS prototype <i>Prof Bertrand Tavitian, INSERM</i>
12:40pm to 1:00pm	INVITED SPEAKER: Super-resolution and sparkle – nanodiamond for biological imaging <i>Dr Brian Patton, University of Strathclyde</i>
1:00pm to 1:20pm	INVITED SPEAKER: Raman, CARS and SERS microscopy for imaging of cells and tissue <i>Prof Duncan Graham, University of Strathclyde</i>
1:20pm to 2:10pm	Lunch & Posters

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Session 3	Translational Imaging I (Chair: Prof Hing Leung)
2:10pm to 2:30pm	INVITED SPEAKER: Molecular imaging of vascular inflammation <i>Dr Pasquale Maffia, University of Glasgow</i>
2:30pm to 2:50pm	INVITED SPEAKER: Translational development of a gram-negative bacterial detection agent- Bench to ICU Bedside <i>Dr Ahsan Akram, University of Edinburgh</i>
2:50pm to 3:00pm	SHORT PROFFERED TALK: BAC THREE: The next-generation of real-time optical imaging of bacteria for point-of-care diagnosis of infection in the clinic <i>Dr Bethany Mills, University of Edinburgh</i>
3:00pm to 3:10pm	SHORT PROFFERED TALK: Intravascular Resident Natural Killer Cells Shape Neutrophil Dynamics in the Pulmonary Vasculature <i>Judith Secklehner, Beatson Institute for Cancer Research and Imperial College London</i>
3:10pm to 3:30pm	Coffee, Exhibitors & Posters
Session 4	Translational Imaging II
3:40pm to 4:00pm	INVITED SPEAKER: Finding rare cancer responders with radionuclide imaging <i>Dr David Lewis, Beatson Institute for Cancer Research</i>
4:00pm to 4:20pm	INVITED SPEAKER: Imaging vascular calcification activity <i>Dr Marc Dweck, University of Edinburgh</i>
4:20pm to 5:00pm	KEYNOTE: The limits of perception: Advances in biomedical imaging <i>Prof Mark Lythgoe, University College London</i>
5:00pm to 5:05pm	ESMI Young Researcher Award for best proffered abstract (presented by Bertrand Tavitian)
5:05pm to 6:30pm	Drinks Reception