

# Translational Ultrasound Imaging Meeting

9 Dec 2016, York Racecourse, York

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| 09:30 - 10:00 | Arrival and registration   |
| 10:00 - 10:30 | An investigation into the variability of shear wave elastography acquisition methods in muscle - <i>Mr Abdulrahman Alfuraih, PhD Research Fellow, Leeds, Institute of Rheumatic and Musculoskeletal Medicine</i> |
| 10:30 - 11:00 | Title TBC<br><i>Prof. Steve Evans, Prof. of Molecular and Nanoscale Physics, University of Leeds</i>   |
| 11:00 - 11:30 | Refreshment Break  |
| 11:30 - 12:00 | Characterisation of neonatal cardiac growth and regeneration following injury using high resolution in-vivo ultrasound - <i>Mr Raphael Castellan, University of Edinburgh</i>                                    |
| 12:00 - 12:30 | Multimodal imaging to track cells and assess organ function - <i>Dr Jack Sharkey, Cellular and Molecular Physiology, University of Liverpool</i>   |
| 12:30 - 14:00 | Lunch and access to the Ultrasound 2016 Technical Exhibition   |
| 14:00 - 14:30 | The potential of photoacoustic imaging biomarkers for monitoring tumour oxygenation - <i>Dr Sarah Bohndiek, University Lecturer in Biomedical Physics, University of Cambridge</i>                               |
| 14:30 - 15:00 | Drug loaded microbubbles for the treatment of pancreatic cancer - <i>Prof. John Callan, Norbook, Chair in Pharmaceutical Science, University of Ulster</i>   |
| 15:00 - 15:30 | Refreshment break  |
| 15:30 - 16:00 | Combining ultrasound laser light and nanoparticles for improved cancer detection and therapy - <i>Dr James McLaughlan, University of Leeds</i>   |
| 16:00 - 16:30 | Characterising pregnancy disorders in mice using ultra-high frequency ultrasound - <i>Dr Colin Murdoch, Marie Curie International Fellow, Aston Medical Research Institute</i>                                   |

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Visit [www.bmus.org](http://www.bmus.org) to register

Fees - £50

The session is complimentary to delegates who register to attend Day 3 of Ultrasound 2016