

# TRANSLATIONAL ULTRASOUND IMAGING

at the 49th Annual Scientific Meeting of the  
British Medical Ultrasound Society

**8th December 2017 | Cheltenham Racecourse**

- 09:30 - 10:00 **Arrival and registration**
- 10:00 - 10:30 The performance of ultrasound scanners from clinical to preclinical  
*Dr Carmel M Moran, University of Edinburgh*
- 10:30 - 11:00 Advancing minimally-invasive orthotopic cancer models using ultrasound-guided i  
injection  
*Dr Nicola Ingram, University of Leeds*
- 11:00 - 11:30 **Coffee**
- 11:30 - 12:00 Photoacoustic imaging - technical validation and novel applications  
*Dr James Joseph, University of Cambridge*
- 12:00 - 12:30 Oxygen loaded microbubbles for sonodynamic therapy  
*Professor Eleanor Stride, Engineering Science, St Catherine's College, Oxford*
- 12:30 - 14:00 **Lunch and access to technical exhibition**
- 14:00 - 14:30 Combined focused ultrasound and radiotherapy for the treatment of hypoxic  
tumours, using photoacoustic imaging as a planning tool  
*Dr Márcia Costa, Institute of Cancer Research*
- 14:30 - 15:00 Investigation of the ability of gas-filled nanobubbles to deliver drug-mimics  
to the brain by disruption of the blood brain barrier using focused  
ultrasound  
*Dr Julie McNairn, University of Edinburgh*
- 15:00 - 15:20 New ideas for diagnostic imaging in colorectal cancer  
*Dr Helen Mulvana, Lord Kevin Adam Research Fellow, School of  
Engineering, University of Glasgow*

Registration fee £60

To register visit: [www.bmus.org](http://www.bmus.org)

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