The course is designed for those with an interest in high resolution, real-time pre-clinical imaging, specifically research scientists and biologists.

This day focuses specifically on cardiac and cancer applications but should have broad appeal to anyone who uses ultrasound as a pre-clinical imaging tool.

Study day sponsored by Visualsonics

Chandos House, 2 Queen Anne Street, W1G 9LQ
Organisers: Carmel Moran, James Howes

CPD points supplied
## Pre-Clinical Ultrasound Study Day - Friday 20th November 2009

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### Registration fees (please delete as appropriate):

- **BMUS Member:** £100.00  BMUS Membership No: 
- **Non Member:** £120.00  Membership can be applied for when registering to qualify for the members' rate

*This fee includes lunch and all refreshments*

#### PAYMENT (Please fill in all details, as appropriate)

- *I enclose my cheque for £*  made payable to ‘The British Medical Ultrasound Society’
- *I wish to pay by credit/debit card (please note, all transactions will be subject to a 2.5% charge):*

Please debit my account the sum of £ 

**CARD NO:** __ __ __ __ __ __ __ __ __ __ __ __ __ __

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(Switch/Maestro only)

**Name as on card:** ____________________________________________________________

**Cardholders address (if different to above):** _________________________________

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**Signed:** ___________________________  **Date:** ___________________________
0900-0930
Registration and Coffee

0930-1000
Integration of murine ultrasound with pressure-volume catheter systems.

1000-1030
Utility of speckle tracking echocardiography in a murine model of myocardial infarction (Dr

1030-1100
Vitamin B1 Analogue Benfotiamine Prevents Diabetes-Induced Diastolic Dysfunction and Heart
Failure through Akt/Pim-1 Mediated Survival Pathway

1100-1130
Coffee

1130-1200
High frequency ultrasound assessment of the murine heart from embryo through to juvenile.

1200-1230
Assessment of cardiac haemodynamics in murine models of heart failure

1230-1330
Lunch

1330-1400
In-vivo imaging of pre-clinical models of prostate and bladder cancer.

1400-1430
Reproducibility of 3-Dimensional Power Doppler in Assessment of tumour vascularisation in a
Calu-6 xenograft model

1430-1500
Imaging in pre-clinical models of colorectal cancer

1500-1530
Tea

1530-1600
Ultrasound imaging of preclinical tumours focussing on the microenvironment (vascularity and
stroma).

1600-1630
Ultrasound-guided intracardiac injections for improved generation of brain metastases.

1630-1700
The Future of high resolution ultrasound imaging

1700
Meeting Close
Getting to Chandos House

By underground and train
Bond Street and Oxford Circus underground stations are equidistance from Chandos House, both with direct connections from Victoria, Marylebone, Kings Cross, Euston, Waterloo, Paddington and Liverpool Street.

By road
Car parks are located in Cavendish Square and Marylebone Lane, both five minutes away. There is a Master Park Car Park in Chandos Street just a few minutes away from Chandos House.

You will be sent a full map and directions on booking

FORTHCOMING BMUS EVENTS & STUDY DAYS

EUROSON /BMUS Annual Scientific Meeting 2009
6th - 8th December Edinburgh International Conference Centre

www.euroson2009.org

BMUS Study days 2010

- AAA screening
- Carotid
- MSK
- Emergency medicine
- Gynaecology
- Obstetrics
- 2 day Summer School– Bowel, Head & Neck
- Chest ultrasound
- Elastography
- Contrast ultrasound

Go to www.bmus.org for the 2010 BMUS Events Programme