

# 2nd Joint Meeting

OF THE

**Bone Research Society**

AND THE

**British Orthopaedic  
Research Society**

**23-25 June 2008**

MANCHESTER, UK

**Final Announcement and Call for Abstracts**



*Organisers:*

**Judith Adams**

**Carol Evans**

**Terry O'Neill**

**Peter Selby**

University of Manchester

[www.brsoc.org.uk/brsbors2008](http://www.brsoc.org.uk/brsbors2008)

## Committees

### **Bone Research Society Committee**

*President:* Jonathan Reeve  
(Cambridge)

*Secretary:* Colin Farquharson  
(Edinburgh)

*Treasurer:* Jon Tobias (Bristol)

*President Elect:* Cyrus Cooper  
(Southampton)

**Committee:**

Kay Colston (London)

Mark Cooper (Birmingham)

Miep Helfrich (Aberdeen)

David Marsh (London)

Eugene McCloskey (Sheffield)

Andy Pitsillides (London)

**Student Representatives:**

Claire Clarkin (London)

Nick Harvey (Southampton)

### **British Orthopaedic Research Society Committee**

*President:* Brigitte Scammell  
(Nottingham)

*Secretary:* Roger Bayston  
(Nottingham)

*Treasurer:* Trudy Roach  
(Southampton)

**Committee:**

Mark Birch (Newcastle-upon-Tyne)

Carol Evans (Manchester)

David Marsh (London)

Anthony Miles (Bath)

Hamish Simpson (Edinburgh)

### **Local Organising Committee**

Judith Adams

Carol Evans

Terry O'Neill

Peter Selby



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## Welcome

*It is our pleasure to invite you to attend the 2008 joint meeting of the Bone Research Society and the British Orthopaedic Research Society in Manchester.*

*This is the second combined meeting of the societies. The scientific programme which has been drawn up is strong and varied. Our key note speakers are of international standing and come from a range of disciplines reflecting the interests of both societies. We anticipate that the science presented at the meeting will be enlightening, informative and stimulating for both clinical and non-clinical scientists. Both societies are delighted to offer a number of young investigator awards, travel bursaries and prizes for the best oral and poster presentations. A key component of the meeting will be ample opportunity for informal discussion and poster viewing.*

*For the first time, we will be organising a special session aimed at Young Investigators, both clinical and non-clinical.*

*Manchester is a city steeped in history with a rich culture and a cosmopolitan outlook. The University of Manchester has a long standing and proud tradition of orthopaedic and bone research. Travelling to Manchester is easy - the city lies at the crossroads of the country's road and rail network and has a large, well connected airport. The conference venue is situated in the heart of Manchester city centre, just 250 meters from Piccadilly rail station and adjacent to which is a range of good value accommodation.*

*We hope that you will come and join us for what promises to be a stimulating and informative meeting between our two societies and we look forward to welcoming you in Manchester.*

*Best wishes*

*BORS President*

**Brigitte Scammell**

*BRS President*

**Jonathan Reeve**

*Local Organisers*

**Judith Adams**

**Carol Evans**

**Terry O'Neill**

**Peter Selby**

## Venue

The meeting will take place in the Renold Building at the University of Manchester. It is an ideal location, situated on the Sackville Street site in the city centre, just 5 minutes walk from Piccadilly Station. We have booked accommodation at two halls of residence, both of which are a short stroll from the meeting venue.

### Location

Manchester is one of the great European cities and the university's main campus is located a short distance from the city centre. The city's architecture represents one of the high points of Victorian achievement. The modern city is a major centre of banking, commerce and manufacturing. It has a highly cosmopolitan atmosphere and its cultural life is internationally renowned.

## Registration and Accommodation

The meeting will take place at the Renold Building at the University of Manchester. The Building is a short walk (5 minutes) from Manchester Piccadilly station. We have booked accommodation at two halls of residence, both of which are a short walk (3-5 minutes) from the meeting venue:

### **Chandos Hall** SHARED BATHROOMS

*The Hall is a 3 minute walk from the meeting venue. It comprises a tower block with far-reaching views of the city of Manchester.*

### **Weston Hall** EN SUITE BATHROOMS

*The Hall is a 5 minute walk from the meeting venue.*

For those wishing to book their own accommodation there is a Day's Inn Hotel next to Weston Hall, but you are advised to book early as it gets booked up well in advance. Bookings directly with the hotel on 0161-9558400; web [www.daysinn.com](http://www.daysinn.com).

Daily registration fees are available for those who do not require accommodation or wish to book their own.

Please register as early as possible. A late booking fee will apply after Friday 28 March 2008.

### How to register

Complete the registration form and return it with payment to:

Elaine Orchard  
Southwold House  
Wotton Road  
North Nibley  
Dursley GL11 6DS  
United Kingdom  
Tel +44 (0)544883  
Fax +44 (0)544883  
Email [BRS@janet-crompton.com](mailto:BRS@janet-crompton.com)

If you require further forms please use photocopies or print off the form posted on the meeting website at [www.brsoc.org.uk/manchester](http://www.brsoc.org.uk/manchester).

### Receipts

You will be sent a receipt to confirm your registration. You should check this carefully to ensure that all your requirements have been confirmed. Please bring this receipt with you to the conference.

### Cancellation

Cancellations will be accepted in writing until 28 March 2008. Until that time a refund of 70% of the registration fee will be made. There will be no refunds for cancellations received after that date.

## Call for abstracts and clinical cases

Abstracts on any subject relevant to the meeting are invited. When submitting your abstract you will be asked to indicate which Society you would like your abstract to go to. Submitted abstracts will be selected for oral and poster presentation and authors will be notified in March 2008. Each Society will have its own review panel, who will mark the abstracts "blind" on the basis of originality, scientific merit and significance. BRS abstracts will be published in the *Journal of Bone and Mineral Research* and BORS abstracts in the *Journal of Bone and Joint Surgery*.  
Deadline for abstracts and clinical cases: **15 February 2008**.

Please use the on-line abstract submission form at:  
[www.brsoc.org.uk/manchester](http://www.brsoc.org.uk/manchester).

The final programme will be available on the meeting website from April 2008.

## Awards: How to apply and eligibility criteria

Both societies will offer a number of Awards for eligible authors. **Please indicate on the abstract form if you are eligible and would like to be considered for one of these prizes.** You will also need to fax a confirmation of your eligibility to the abstract administrators.

### Eligibility criteria

#### **Bone Research Society:**

Award applicants must be

1. A member of BRS (at the time of applying)
2. Aged 35 or under OR less than 3 years after attaining postgraduate degree
3. Will be the presenting author (oral or poster) at the meeting

#### **British Orthopaedic Research Society**

Award applicants must be:

1. Under 40 years of age
2. Will be the presenting author (oral or poster) at the meeting

#### **BRS New Investigator Awards**

For the top scoring abstracts from eligible authors.

**Award** - Registration, accommodation fees and travelling expenses.

**To apply** - Tick the box on the abstract form and return the confirmation of eligibility form.

#### **Best Presentation Awards**

Presentations will be judged during the meeting and prizes will be awarded as follows:

- Best oral
- Best oral poster
- Best poster
- Best clinical paper

**Award** - £50 book token.

**To apply** - Tick the box on the abstract form and return the confirmation of eligibility form.

#### **Bursaries**

Both Societies will also offer bursaries to their members towards the cost of attending the meeting.

**To apply** - Please contact the relevant Treasurer:

Bone Research Society

Dr Jon Tobias, email [Jon.Tobias@bristol.ac.uk](mailto:Jon.Tobias@bristol.ac.uk)

British Orthopaedic Research Society

Dr Trudy Roach, email [H.Roach@soton.ac.uk](mailto:H.Roach@soton.ac.uk)

# Provisional Programme

## Monday 23 June

- 10:30 -11:00 Registration**  
Coffee and poster hanging
- 11:00-12:30 Satellite symposium 1**
- 12:30-13:30 Lunch**
- 13:30-16:30 BRS-BORS Clinical Afternoon**
- 13:30-14:00 The National Hip Fracture Database  
*Rob Wakeman (Basildon, UK)*
- 14:00-14:20 What is a vertebral fracture? Effects of study design measurement imprecision on study outcomes  
*Mark Lunt (Manchester, UK)*
- 14:20-14:40 Vertebroplasty/kyphoplasty: when to intervene  
*Rick Whitehouse (Manchester, UK)*
- 14:40-15:10 Bone as an endocrine gland: phosphate and other targets  
*William Fraser (Liverpool, UK)*
- 15:10-15:30 Tea

### PARALLEL SESSIONS

**15:30-16:30 CLINICAL CASES**

**NEW INVESTIGATORS' SESSION:**  
Shaping your future in skeletal biology

**16:30-17:20 Afternoon tea/posters**

**17:15-17:20 Welcome**

*Alan North*

Vice-President and Dean, Faculty of Life Sciences & Faculty of Medical and Human Sciences

**17:20-18:00 KEYNOTE LECTURE**

**Moving beyond the Bone and Joint Decade: Rejuvenating the research agenda**

*Alan Silman (Manchester, UK)*

**18:00-19:15 Satellite symposium 2**

**20:00-22:00 Welcome Reception and Buffet**

Manchester Town Hall

# Provisional Programme

## Tuesday 24 June

### 08:30-09:30 SYMPOSIUM

**New aspects of bone repair and ortho-pharmacology**

08:30-09:00 Mechano-biology of fracture healing

*Georg Duda (Berlin, Germany)*

09:00-09:30 Enhancing bone repair with pharmacotherapy

*David Marsh (London, UK)*

### 09:30-11:00 ORAL COMMUNICATIONS

7 x 12 minute orals (joint BRS/BORS)

11:00-12:00 Coffee and posters (odds)

### PARALLEL SESSIONS

#### 12:00-13:00 ORAL COMMUNICATIONS

BRS 5 x 12 minute orals

BORS 5 x 12 minute orals

13:00-14:00 Lunch and posters

### 14:00-15:30 SYMPOSIUM

**Mechanobiology**

14:00-14:30 Impact of physical activity on the skeleton

*Harri Sievanen (Tampere, Finland)*

14:30-15:00 Priming of skeletal mechanobiological memory

*Andy Pitsillides (London, UK)*

15:00-15:30 Low protein intake and bone responses to mechanical loading

*Patrick Ammann (Geneva, Switzerland)*

15:30-16:30 Tea and posters (evens)

### PARALLEL SESSIONS

#### 16:30-18:00 ORAL COMMUNICATIONS

BRS 8 x 12 minute orals

BORS 8 x 12 minute orals

20:00-00:00 Conference Dinner and Party

Barnes Wallis Building, University of Manchester

# Provisional Programme

## Wednesday 25 June

### 09:00-10:00 SYMPOSIUM

#### Imaging Bone Structure: From bench to bedside

09:00-09:30 Bone strength assessment from morphometry and structure

*Judith Adams (Manchester, UK)*

09:30-10:00 Finite element analysis (FEA) in the assessment of bone strength

*Sandra Shefelbine (London, UK)*

10:00-11:00 Coffee and posters

11:00-12:00 Joint BORS/BRS Oral Posters (3'+2') n=12

### PARALLEL SESSIONS

12:00-12:30 BRS Oral Posters  
(cont'd) n=6

BORS AGM

12:30-13:30 Lunch and posters

### PARALLEL SESSIONS

13:30-14:00 BORS Oral Posters  
(cont'd) n=6

BRS AGM

### PARALLEL SESSIONS

14:00-15:00 BRS SYMPOSIUM  
New concepts in Vitamin D

14:00-14:30 Vitamin D and bone: endocrinology  
and auto/paracrinology

*Hans van Leeuwen (Rotterdam,  
Netherlands)*

14:30-15:00 Extraskkeletal effects of Vitamin D  
*Kay Colston (London)*

BORS SYMPOSIUM

What is new in osteoarthritis and cartilage?

Where are we now with cartilage and meniscal  
transplantation?

*James Richardson (Oswestry, UK)*

What do we know about the pathoetiology of  
osteoarthritis?

*Thomas Aigner (Leipzig, Germany)*

15:00-16:00 ORAL COMMUNICATIONS  
(5 x 12 mins)

16:00-16:15 Awards

16:15 End of meeting



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## Meeting organisation

Contact for further information:

**Janet Crompton**

Conference Organiser

The Old White Hart

North Nibley

Dursley

Glos GL11 6DS

UK

Tel: + 44 (0)1453 549929

Fax: + 44 (0)1453 548919

Email: [janet@janet-crompton.com](mailto:janet@janet-crompton.com)

[www.brsoc.org.uk/brsbors2008](http://www.brsoc.org.uk/brsbors2008)

## Social Programme

### Monday 23 June

*Welcome Reception and Buffet*

20:00-22:00, Manchester Town Hall

### Tuesday 24 June

*Conference Dinner and Party*

20:00-midnight, Barnes Wallis Building, University of Manchester

## Exhibition and sponsorship

Exhibition and sponsorship opportunities are available. For information please contact Janet Crompton (contact details opposite).

## Continuing Professional Development (CPD)

The meeting is approved for 18 CPD credits by the Royal College of Physicians.

## Dates to remember

**15 February 2008**

Deadline for abstracts

**14 March 2008**

Confirmation to authors

**28 March 2008**

Deadline for early registration