

# 1st Joint Meeting

*OF THE*

**Bone Research Society**

(formerly Bone and Tooth Society)

*AND THE*

**British Orthopaedic  
Research Society**

**5-6 July 2006**

**SOUTHAMPTON, UK**

*Organisers:*

**Richard Oreffo** and

**Trudy Roach**

University of Southampton

**ABSTRACT DEADLINE: FRIDAY 17 FEBRUARY 2006**

# Registration and Accommodation

*It is our pleasure to invite you to attend the 2006 Combined Meeting of the Bone Research Society and the British Orthopaedic Research Society in Southampton. This will be the first time the former Bone and Tooth Society meets as the "Bone Research Society".*

*As you will see, our keynote speakers are of international standing and come from a variety of disciplines, reflecting the interests of both societies. We hope and anticipate that the presentations will be enlightening, informative and, befitting a joint meeting, leading to cross-fertilization of ideas.*

*This is a residential two-day conference with the Hall of Residence providing good value accommodation, but you can also stay in hotels (for those with cars) or just attend for a day.*

*Both Societies are delighted to offer a number of Young Investigator Awards, Registrar Prizes and Travel Bursaries as well as prizes for best oral and poster presentations, so there are plenty of funding options for young researchers.*

*A key component of this joint meeting will be plenty of opportunity for informal discussion and for poster viewing. The conference dinner will be held in the University Staff Social Club and a Jazz band will be playing until late into the evening!*

*We hope that you will come and join us for what promises to be an exciting meeting between our two societies, and we look forward to seeing you in Southampton!*

*Best wishes*

*BORS President*  
**Bruce Caterson**  
*BRS President*  
**Richard Eastell**  
*Local Organisers*  
**Richard Oreffo**  
**Trudy Roach**

[www.brs-bors-2006.org](http://www.brs-bors-2006.org)

The meeting will take place at the Avenue Campus at the University of Southampton. For those wishing to stay on campus, we will be using Highfield Hall, which offers en suite and standard accommodation and is a 5-minute walk from the meeting rooms. As en suite accommodation at Highfield is limited we recommend you to book early if you would like a private bathroom.

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

For those wishing to book their own accommodation, here is a list of local hotels:

**Elizabeth House Hotel** £55-£65 [www.elizabethhousehotel.com](http://www.elizabethhousehotel.com)  
*A privately run hotel on The Avenue (same road as the meeting), 5-7 min drive*

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**Hilton** £159 [www.hilton.co.uk](http://www.hilton.co.uk)  
*Chilworth, Southampton, 7-15 min drive, depending on traffic*

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**Premier Travel Inn** £50-£55 [www.premiertravelinn.com](http://www.premiertravelinn.com)  
*Either at Nursling or at Southampton Airport, 15-20 min drive*

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**Novotel** £59 [www.novotel.com](http://www.novotel.com)  
*Near station, approx 20 min drive*

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Please note that there are no hotels within walking distance.

Please register as early as possible. A late booking fee will apply after Friday 31 March 2006.

## How to register

Complete the registration form and return it with payment to:

Elaine Orchard  
Southwold House  
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.brs-bors-2006.org](http://www.brs-bors-2006.org).

## 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 April 2006. 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 2006. 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: **17 February 2006**.

Please use the on-line abstract submission form at:  
[www.brs-bors-2006.org](http://www.brs-bors-2006.org).

The final programme will be available on the meeting website from April 2006.

## Awards

Each Society will offer a number of Awards and Bursaries 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.

### Bone Research Society

Eligibility criteria:

1. A full member of BRS
2. Aged 35 or under
3. Will be a presenting author (oral or poster) at BRS meeting

#### Scholarships

BRS is offering up to 6 Scholarships for the 2006 meeting. These will cover registration and accommodation fees and travelling expenses. Scholarships are available for research students and others on short-term support who are presenting abstracts at the meeting.

#### Bursaries

Additional bursaries will also be available - these will make a contribution to the costs involved in attending the meeting. Priority will be given to first time applicants and those who would otherwise have to rely on self-funding to attend the meeting. Should bursaries become oversubscribed, the abstract score will be taken into account.

#### New Investigator Awards

Applicants should be the first presenting author. Anyone less than 3 years after attaining their postgraduate degree is eligible. Presentations will be judged during the meeting and prizes will be awarded as follows:

- Best oral
  - Best oral poster
  - Best poster
- (1 clinical, 1 basic in each category)

#### Registrar Prize

If you are in clinical training and wish to be considered for the registrar prize for the best clinical case presentation at the clinical workshop, please indicate where shown on the abstract form.

### British Orthopaedic Research Society

Eligibility criteria:

1. A full member of BORS
2. Earning less than £15,000 per annum
3. Will be a presenting author (oral or poster) at BORS meeting

#### Free registration

BORS will offer a limited numbers of places for postgraduate and undergraduate students to attend with free registration (they need to be supported by BORS members and on first-come first-served basis).

#### Bursaries

BORS will provide a number of bursaries up to £100 each for supporting travel and accommodation of its members.

## Venue

The meeting will take place in Building 65 at the Avenue Campus, Highfield Road, Southampton SO17 1BF.

Southampton lies on the south coast of England on the edge of the New Forest. The city is well served by transport to the rest of the United Kingdom. It is located at the junction of the M3 and M27 Motorways which link it with London and the West Country. It has its own international airport close to the city centre and is served by a train service to London at 15 minute intervals. It has a busy deep water port and has long been the destination and departure point for ocean-going cruise liners.

Southampton is a city of many exciting activities, and it has been around for much longer than you might think with its history predating the arrival of the Romans:

- King Canute was proclaimed King in Southampton and later got his feet wet
- The Mayflower and Speedwell left Southampton with the Pilgrim fathers
- Jane Austen and her family lived in Castle Square for three years
- The first true submarine was built in Southampton
- The Titanic left for New York from here
- The Spitfire was built here and its first test flight was from what is now the city airport

[www.brs-bors-2006.org](http://www.brs-bors-2006.org)

## Travel

More detailed information is also available on the meeting website, with links to useful addresses.

### By air

**Southampton Airport** - Southampton has its own international airport. There are flights to most UK airports (Aberdeen, Belfast, Edinburgh, Glasgow, Leeds, Liverpool, Manchester, Newcastle) as well as several European destinations (Amsterdam, Brussels, Dublin, Paris). From the airport, Avenue Campus is only a short taxi ride away or you can catch the University's Uni-link bus service (for maps and timetables please see the University website at [www.soton.ac.uk](http://www.soton.ac.uk)).

### By train

Fast trains from London and Bournemouth/ Weymouth stop at Southampton Central and Southampton Airport Parkway. Trains from Portsmouth and Bristol/South Wales stop at Southampton Central. There are taxi ranks at both stations.

Buses to the Avenue Campus:

- At Southampton Central, use the south side (platform 4) exit for the Uni-link U2 bus service.
- At Southampton Airport, exit on the airport side of the station for the Uni-link U1 bus service to the Highfield Campus interchange and then take the Unilink U2 bus to the Avenue campus (for maps and timetables please see the University website at [www.soton.ac.uk](http://www.soton.ac.uk)).

### By road

**By Car via M3** – Exit at Junction 14 following the signs for Southampton A33 (not Southampton Docks). Follow the A33 (Bassett Avenue) through two roundabouts until you arrive at a major intersection with the University's Medical and Biological Sciences building to your left. Cross straight over the intersection and continue to follow the A33 (The Avenue). Take the second turning on your left into Highfield Road (a one-way system) and the Avenue Campus will be on your right.

**By Car via M27** – Exit at Junction 5 (Southampton Airport/ Eastleigh). If coming from the east, take the first exit off the roundabout. If coming from the west, the fourth exit. Follow the A335 dual carriageway through two sets of traffic lights. At the third set, the road divides. Follow the right hand lane onto Burgess Road (McDonald's will be on your left). Follow Burgess Road until you arrive at a major intersection, turn left onto the A33 (The Avenue). Take the second turning on your left into Highfield Road (a one-way system) and the Avenue Campus will be on your right.

### Car parking

There is a large car park at Avenue Campus. Parking on campus is free of charge but you must display a permit, which can be collected from the registration desk.

For more detailed information about how to get to the University by rail, coach, car, or on foot, and a map, please see the meeting website or the University website at [www.soton.ac.uk](http://www.soton.ac.uk).

# Provisional Programme

## Wednesday 5 July

- 09.00-10.00 Registration/poster hanging/coffee
- 10.00-12.30 **Joint BRS/BORS Symposium: Stem cells: basic science and therapeutic potential**  
Embryonic stem cells  
*Stephen Minger (London, UK)*  
Gene therapies in musculoskeletal disease  
*Christopher Evans (Boston, USA)*
- 11.00 Joint BRS/BORS oral communications
- 12.30-13.30 **LUNCH and Poster Viewing**
- 12.30-13.45 **BORS AGM**

### PARALLEL SESSIONS

- 13.30-14.30 **BRS Symposium 1: Genetics and epigenetics**  
Genetics of osteoarthritis  
*John Loughlin (Oxford, UK)*  
DNA methylation and the silencing of gene expression  
*John Newell-Price (Sheffield, UK)*
- 13.30-14.30 **BORS Symposium 1: Bioengineering**  
Wear of total joint replacements  
*John Fisher (Leeds, UK)*
- 14.00 BORS oral communications

- 14.30-15.00 **TEA**

### PARALLEL SESSIONS

- 15.00-16.00 **BRS/BORS Clinical Cases**
- 15.00-17.00 **BRS Symposium 2: Matrix proteins in bone formation**  
DMP-1  
*Lynnda Bonewald (Kansas, USA)*  
Small leucine rich proteoglycans in the skeleton  
*Marian Young (Bethesda, USA)*
- 16.00 BRS oral communications
- 15.00-17.00 **BORS Symposium 2: Bone and Joint Decade**  
What is intervertebral disc degeneration?  
*Michael Adams (Bristol, UK)*
- 17.00-19.00 **Joint poster session with wine and cheese**
- 17.00 Odd-numbered posters
- 18.00 Even-numbered posters
- 19.30 **Drinks at Staff Social Centre**
- 20.00 **Conference Dinner**

## Thursday 6 July

### PARALLEL SESSIONS

- 08.30-10.30 **BRS Symposium 3: Fetal origins of skeletal development**  
Developmental origins of osteoporotic fractures  
*Cyrus Cooper (Southampton, UK)*  
Determinants of bone growth in childhood: insights from the ALSPAC cohort  
*Jon Tobias (Bristol, UK)*
- 09.30 BRS oral communications
- 08.30-10.30 **BORS Symposium 3: Nanotechnology and imaging**
- 08.30 Skeletal tissues at the nanoscale  
*Michael Horton (London, UK)*
- 09.00 BORS oral communications

- 10.30-11.20 **COFFEE and Poster Viewing**

- 11.20-12.30 **Joint BORS/BRS oral posters**

- 12.30 **BRS AGM and Awards**

- 12.30-13.30 **LUNCH**

- 13.30-15.30 **Joint BRS/BORS Symposium: Clinical Disorders - Paediatric/Metabolic Bone Disease**

Bone fragility in children  
*Nick Bishop (Sheffield, UK)*

The links between body composition and bone  
*Ian Reid (Auckland, New Zealand)*

Future management of fracture risk  
*David Marsh (London, UK)*

- 15.05-15.30 **TEA**

### PARALLEL SESSIONS

- 15.30-17.00 **BRS Clinical Workshop**  
NICE guidelines  
*Richard Keen (Stanmore, UK)*  
Epidemiology risk prediction  
*John Kanis (Sheffield, UK)*  
Osteoporosis treatment in the biologic era  
*Richard Eastell (Sheffield, UK)*  
Vitamin D - who needs supplementation and with what?  
*Frazer Anderson (Southampton, UK)*
- 15.30-17.00 **BORS Symposium 4: Musculoskeletal Regeneration**
- 15.30 Tissue engineering  
*Alicia El-Haj (Keele, UK)*
- 16.00 BORS oral communications

- 17.00 **End of meeting**

## Dates to remember

**17 February 2006**

**Deadline for abstracts**

**10 March 2006**

**Confirmation to authors**

**31 March 2006**

**Deadline for early registration**

## Meeting organisation

Contact for further information:

**Janet Crompton**

Conference Organiser

The Old White Hart

North Nibley

Dursley

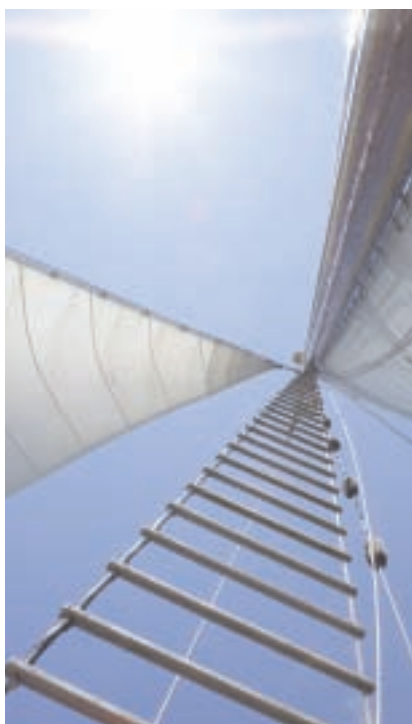
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[www.brs-bors-2006.org](http://www.brs-bors-2006.org)

## Social programme

### Wednesday 5 July

Following a poster session with wine and cheese, the Societies will hold a joint Annual Dinner in the Garden Court at the University Staff Social Centre, a short walk from the meeting rooms.

## 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 12 CPD credits by the Royal College of Physicians.

## Committees

### Bone Research Society Committee

*President:* Richard Eastell (Sheffield)

*Secretary:* Tim Arnett (London)

*Treasurer:* Jon Tobias (Bristol)

*President Elect:* Jonathan Reeve (Cambridge)

#### **Committee:**

Mark Cooper (Birmingham)

Peter Croucher (Sheffield)

Bronwen Evans (Cardiff)

Miep Helfrich (Aberdeen)

Richard Keen (London)

Richard Oreffo (Southampton)

### British Orthopaedic Research Society Committee

*President:* Bruce Caterson (Cardiff)

*Secretary:* Carlos Wigderowitz (Dundee)

*Treasurer:* Gang Li (Belfast)

*Immediate past-president:* Hamish Simpson (Edinburgh)

#### **Committee:**

Roger Bayston (Nottingham)

Mark Birch (Newcastle-upon-Tyne)

Carol Evans (Manchester)

David Marsh (London)

Andrew McCaskie (Newcastle-upon-Tyne)

Anthony Miles (Bath)

### Local Organising Committee

Cyrus Cooper

Elaine Dennison

Richard Oreffo

Trudy Roach