



**BONE**  
RESEARCH SOCIETY

# Annual Meeting



**ABERDEEN**

**3-5 July 2007**

ABSTRACT DEADLINE:

**16 February 2007**

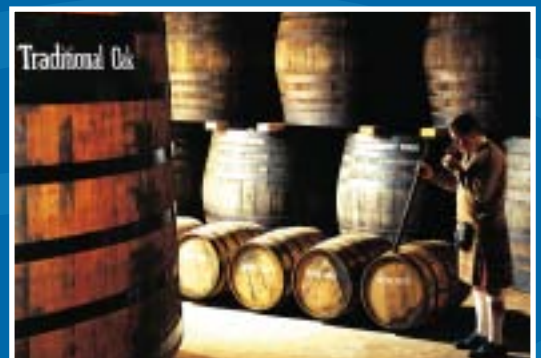
LOCAL ORGANISERS:

David Reid (Chair)

Richard Aspden

Miep Helfrich

Mike Rogers



WEBSITE:

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

## Committees

### Bone Research Society Committee

*President:* Jonathan Reeve  
(Cambridge)

*President Elect:* Cyrus Cooper  
(Southampton)

*Secretary:* Tim Arnett (London)

*Treasurer:* Jon Tobias (Bristol)

#### **Committee:**

Kay Colston (London)

Mark Cooper (Birmingham)

Bronwen Evans (Cardiff)

Miep Helfrich (Aberdeen)

Richard Keen (London)

David Marsh (London)

#### **Young Investigator**

##### **Representatives:**

Claire Clarkin (London)

Nick Harvey (Southampton)

### Local Organising Committee

David Reid (Chair)

Richard Aspden

Miep Helfrich

Mike Rogers

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## Welcome

*It is our pleasure to invite you to attend the 2007 Annual Meeting of the Bone Research Society in Aberdeen. It is seven years since the meeting was hosted in Aberdeen and we are looking forward to showing off our exciting city.*

*The meeting will take place at the Aberdeen Exhibition and Conference Centre, which offers a comfortable tiered lecture theatre, light and roomy exhibition and poster space and excellent catering.*

*As you will see, our invited speakers will come from a variety of disciplines and are of international standing. We hope you will find their presentations enlightening and informative. There will be symposia on:*

- Bone pain
- Vesicular trafficking and bone disease
- Signalling pathways and bone formation
- Bone loss and Inflammatory arthritis
- Contemporary issues in therapeutics of bone

*The programme will also allow plenty of opportunity for informal discussion and for poster viewing.*

*The BRS is delighted to offer a number of Young Investigator Awards and Scholarships based on abstracts submissions, as well as prizes for the best oral, poster and clinical case presentations, so there are plenty of funding options for young researchers.*

*There are a number of cheap flight options (but please book early) and we would also recommend that you book your accommodation as early as possible. There are many options, including 3 different categories of room at the University as well as hotels.*

*The Welcome Reception will be held at the historic Aberdeen Town and County Hall and for the Annual Dinner we invite you to bring your dancing shoes to join us for a traditional ceilidh at our wonderful Art Deco Beach Ballroom, which surprisingly enough is near the recently improved beach.*

*The "granite city" is an impressive sight, which successfully blends both the traditional and the modern. Aberdeen is well known for scientific achievement, culture, commerce and history as well as the international research that has resulted in the two universities in Aberdeen holding four Nobel prizes between them. Aberdeen is also home to stunning scenery. Head out of the city and within fifteen minutes you can find yourself in the rolling countryside of Royal Deeside, sightseeing in castle country, taking the coastal trail north or south or heading for Speyside - the whisky capital of the world.*

*For those who would like to make the most of their stay we are organising a day's hike on Monday 2 July (perhaps an easy and strenuous option!), and we could also organise golf if sufficient people are interested. Please indicate on the registration form if you would like to take part in either of these and we will keep you posted with further details.*

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

*Best wishes*

**David Reid**

## Who should attend?

The great strength of our Society since its foundation 56 years ago is the continuing interaction between clinical and basic science. This cross-fertilisation is key to the remarkable success of our field to date. The BRS Committee welcomes the participation of both clinicians and basic scientists in the Aberdeen meeting.

## Accommodation

The full meeting registration package includes 2 nights bed and breakfast accommodation. There are two price categories based on accommodation at either the student hall of residence, Crombie Hall, or at the Kings Hall, which offers a higher standard and more facilities. Both are around 10 minutes by car/taxi or 15 minutes by bus to the Aberdeen Exhibition and Conference Centre. The full registration package includes a bus pass.

The Aberdeen Convention Bureau offers a hotel booking service for those who prefer to stay in hotels. You can book on-line at [www.conferencebookings.co.uk](http://www.conferencebookings.co.uk) - quote conference code ACBBRS2007.

## Registration

Please register as early as possible. A late booking fee will apply after Friday 30 March 2007.

### Registration fees

#### Residential delegate

Fees include:

- 3 days meeting attendance, Tuesday, Wednesday and Thursday
- Coffee, lunch and tea on all 3 days
- Bed and breakfast on Tuesday and Wednesday nights (£20 per night supplement for King's Hall)
- Bus pass

BRS members	£200.00 to 30 March	£230.00 from 30 March
Non-members	£250.00 to 30 March	£280.00 from 30 March
Students*	£180.00 to 30 March	£210.00 from 30 March

#### Non residential delegate

Fees include:-

- Meeting attendance on day(s) booked
- Coffee lunch and tea on day(s) booked

BRS members	£55.00 to 30 March	£65.00 from 30 March
Non-members	£75.00 to 30 March	£85.00 from 30 March
Students*	£45.00 to 30 March	£55.00 from 30 March

\*Students (PhD students/Undergraduates/Residents/Fellows/Junior Post Docs (within 3 years of PhD)

### 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)1453 544883  
Fax +44 (0)1453 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](http://www.brsoc.org.uk).

### 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 meeting.

### Cancellation

Cancellations will be accepted in writing until 27 April 2007. 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.

## Venue

### **Aberdeen Exhibition and Conference Centre (AECC)**

Bridge of Don

Aberdeen

Scotland

United Kingdom

Website: [www.aecc.co.uk](http://www.aecc.co.uk)

### **Aberdeen**

Aberdeen has much to offer those who decide to add some leisure time to their trip. Visitors can explore the Castle Trail and the Malt Whisky Trail as well as taking in the culture and atmosphere of Aberdeen. There are a host of locations to choose from for enjoyable walks including along the North East's unspoilt coastline. Aberdeen is also home to many art galleries and museums including the Aberdeen Maritime Museum and the Aberdeen Art Gallery. The Aberdeen Maritime Museum is an award winning museum of the North Sea including exhibitions, computer displays and models on the offshore oil industry, clipper ships, and ship building. The museum also includes Provost Ross's house, which was built in 1593. An important Fine Art collection with particularly good examples of 19th and 20th century works plus a rich and diverse decorative arts collection is housed by Aberdeen Art Gallery.

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

## Travel

### **By air**

**Aberdeen Airport** - Aberdeen has its own international airport. There are flights to most UK airports (Belfast, Bristol, Edinburgh, Glasgow, Leeds, Liverpool, Manchester, Newcastle, Norwich) as well as several European destinations (Amsterdam, Brussels, Copenhagen, Dublin, Paris).

**A special discounted airfare can be used by conference delegates on bmi flights from Heathrow and Manchester - see meeting website for details.**

From the airport, the AECC is a short taxi ride away.

There are many cheap ticket options, particularly for those who book early.

### **By train**

Aberdeen railway station provides regular daily rail services to/from London, Glasgow, Edinburgh and Inverness as well as to many other parts of the UK. An overnight sleeper service also operates to/from London Euston. The AECC is a short taxi ride from the railway station.

### **By road**

Aberdeen Exhibition and Conference Centre (AECC) is located immediately adjacent to the A90 trunk road in Bridge of Don and is 3 miles to the north of the city centre.

**To/From the City** – There is a regular bus service to the city centre costing £1.40 per journey. Free bus passes will be given to all delegates booking the residential package.

### **Car parking**

There is unlimited free parking at the Aberdeen Exhibition and Conference Centre.

For more detailed information about how to get to Aberdeen and to the Aberdeen Exhibition and Conference Centre please see the meeting website or the AECC website at [www.aecc.co.uk](http://www.aecc.co.uk).



# Provisional Programme

## Monday 2 July

### Hill walk

To be led by Mike Rogers and others. Easy or strenuous option, depending on demand.

**Possible golf tournament**  
(Depending on demand)

## Tuesday 3 July

- 09:30** Coffee, registration, poster hanging
- 10:25** Opening and welcome  
*Professor C Duncan Rice*  
*Principal & Vice-Chancellor of the University of Aberdeen*
- Bone pain**
- 10:30** Acid and bone  
*Tim Arnett (London, UK)*
- 11:00** The role of the endocannabinoid system in pain modulation  
*Ruth Ross (Aberdeen, UK)*
- 11:30** Cannabinoids and bone  
*Rob van t'Hof (Edinburgh, UK)*
- 12:00** Oral communications
- 13:00** Lunch and posters
- Vesicular trafficking and bone disease**
- 14:30** Vesicular trafficking in osteoclast biology  
*Fraser Coxon (Aberdeen, UK)*
- 15:00** Diseases caused by defects in vesicular trafficking and acidification  
*Uwe Kornak (Berlin, Germany)*
- 15:30** Chloride channels as a target for bone therapy  
*Morten Karsdal (Herlev, Denmark)*
- 16:00** Tea
- 16:30** Oral communications
- 17:30** Close
- 19:00** Civic Reception  
at the Town and County Hall

## Wednesday 4 July

- Signalling pathways and bone formation**
- 08:30** Control of bone remodeling homeostasis via the autonomous nervous system  
*Florent Elefteriou (Nashville, USA)*
- 09:00** Discovery of the fibrodysplasia ossificans dysplasia (FOP) gene  
*Matthew Brown (Brisbane, Australia)*
- 09:30** The role of sclerostin in BMP and Wnt signalling: implications for bone formation  
*Wendy Balemans (Antwerp, Belgium)*
- 10:00** Oral communications

- 11:00** Coffee
- Bone loss and inflammatory arthritis**
- 11:30** Modulation of T cell function in rheumatoid arthritis  
*Berent Prakken (Utrecht, Netherlands)*
- 12:00** Role of cytokines and bone: use of in vitro models  
*Matt Gillespie (Melbourne, Australia)*
- 12:30** Determinants of bone destruction in rheumatoid arthritis  
*Steven Goldring (New York, USA)*
- 13:00** Lunch and posters
- 14:00** Oral communications
- 15:30** Tea
- 16:00** Oral posters
- 17:00** Keynote lecture  
Ethical considerations and medical research: past, present and future  
*Neva Haites (Aberdeen, UK), Head of the College of Life Sciences and Medicine*
- 20:00** Annual dinner  
Annual Dinner and Ceilidh at the Beach Ballroom

## Thursday 5 July

- Contemporary issues in therapeutics of bone**
- 09:00** Role of bisphosphonates in cancer management  
*Robert Coleman (Sheffield, UK)*
- 09:30** Bisphosphonates in the management of Paget's disease  
*Stuart Ralston (Edinburgh, UK)*
- 10:00** Therapeutic options after bisphosphonates  
*Graham Russell (Oxford, UK)*
- 10:30** Coffee
- 11:00** Oral communications
- 12:00** Clinical cases
- 13:00** Lunch
- New Horizons in Bone and Rheumatoid Arthritis**  
*GENEROUSLY SUPPORTED BY AN UNRESTRICTED EDUCATIONAL GRANT FROM AMGEN*
- 14:00** Role of RANK/RANKL pathway in the bone loss of rheumatoid arthritis  
*Speaker tbc*
- 14.30** Assessment of bone loss in the prediction of long-term disease activity in rheumatoid arthritis  
*Speaker tbc*
- 15:00** Potential for RANKL inhibition in the management of rheumatoid arthritis  
*Speaker tbc*
- 15:30** Close

## Call for abstracts and clinical cases

Abstracts on any subject relevant to the meeting are invited. Submitted abstracts will be selected for oral and poster presentation and authors will be notified in March 2007. Abstracts will be marked "blind" by at least 8 reviewers, who will score on the basis of originality, scientific merit and significance. Abstracts will be published in the *Journal of Bone and Mineral Research*.

Deadline for abstracts and clinical cases: **16 February 2007**.

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

The final programme will be available on the meeting website from April 2007.

### Dates to remember

**16 February 2007**

Deadline for abstracts

**9 March 2007**

Confirmation to authors

**30 March 2007**

Deadline for early registration

### 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](http://www.brsoc.org.uk)

## Awards

The Bone Research Society 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:

1. Must be 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 a presenting author (oral or poster) at BRS meeting

### New Investigator Awards

For the top scoring abstracts from eligible authors.

Award - Registration and accommodation fees and travelling expenses.

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

### Best Presentation Awards

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

- |                  |                      |
|------------------|----------------------|
| Best oral        | Best poster          |
| Best oral poster | Best clinical poster |

Award - £50 book token

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

## Bursaries

The Society also offers bursaries to BRS members of up to £100 towards the cost of attending the meeting.

To apply - Please contact the BRS Treasurer at email [jon.tobias@bris.ac.uk](mailto:jon.tobias@bris.ac.uk) for information

## Social programme

### Tuesday 3 July

Civic Reception at the Town and County Hall

### Wednesday 4 July

Annual Dinner followed by Ceilidh at the Beach Ballroom.

## Exhibition and sponsorship

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

## Continuing Professional Development (CPD)

The Society's meetings are approved for CPD by the Royal College of Physicians.