

Welcome to the April issue of Anastomosis. In this issue, we bring you the latest news from our members and keep you updated on upcoming deadlines. We also highlight some interesting news articles from the past month.

### Mark your diary!

The summer meeting of the Anatomical Society will be held at the **Royal College of Surgeons in Ireland** in Dublin on **July 4th-5th, 2013**. The theme of this meeting will be 'Form and Function in Regenerative Medicine.' There will also be a workshop on the "Dark Art of Learning Outcomes" organised by Dr. Jane Holland.

The annual meeting of the **American Association of Anatomists** will be held in **Boston** from **April 20th-24th, 2013**. The meeting will also mark and celebrate the 125th anniversary of the founding of the association. The theme of the meeting is "many faces of anatomy".

### Imminent Deadlines

Key deadlines for the following Anatomical Society Awards:

**Anatomical Society Best Image Prize** Friday 31 May 2013

**The Barclay-Smith Travelling Fund 2013** (Round 4) Thursday 25th April 2013

**The Symington Bequest 2013** (Round 4) Thursday 25th April 2013

See [www.anatsoc.org.uk](http://www.anatsoc.org.uk) for further details.

Register now at <http://www.anatsocmeeting.co.uk> for the **2013 Summer Meeting of the Society!** A late registration fee will apply after the 3rd June 2013.

### Barclay-Smith Travelling Fund Awards

Congratulations to Ms. Sarah Roche and Ms. Chantal Mutsaers who have been selected for the Anatomical Society Barclay-Smith Travelling Fund Awards. The awards support Ms. Roche and Ms. Mutsaers towards participation at the Summer meeting of the Anatomical Society in Dublin, Ireland in July 2013. We look forward to seeing Ms. Roche and Ms. Mutsaers at the meeting.

### Journal of Anatomy: Blood, circulation and lung development

J. Pereda and colleagues at the Universities of Santiago and Valparaíso (Chile) report data to establish and resolve the debate over the relationship between the generation of blood vessels and initiation of circulation of blood in the lungs in utero. The study demonstrates presence of erythroblasts and establishment of capillary plexus by day 31, and new lung budding with early circulation of blood in the lungs at day 34. You can read more of this study in the April issue of the Journal of Anatomy at <http://onlinelibrary.wiley.com/doi/10.1111/joa.12042/abstract>

### Inaugural Anatomical Society New Fellow of the Year Award 2013

The Society is inviting nominations for election as Fellows of the Anatomical Society on a rolling basis. In 2012/2013, the Anatomical Society will present a New Fellow of the Year Award to the Fellow of the Anatomical Society who has demonstrated the most significant accomplishments relative to their career stage. The award will be presented at the Society's Winter Meeting in 2013.

The New Fellow of the Year 2013 will be selected from those elected to Fellowship during the academic year 2012-13. More details including the proposal form are available <http://www.anatsoc.org.uk/Awards/GrantsandPrizes/NewFellowoftheYearAward.aspx>.

### This issue

*Mark your diary*

*Imminent Deadlines*

*Prizes & Awards*

*News of Journal papers*

*Research funding opportunities*

### Calendar

**4–5 July 2013** –Dublin. *Summer Meeting of Anatomical Society at the Royal College of Surgeons in Ireland*

**20 – 24 April 2013** – Boston. *125th Anniversary Meeting of the American Association of Anatomists*

### Deadlines next month

April

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

### Royal Society Funding Opportunities

*The next round of the University Research Fellowship will open in July 2013*

*The closing date for the Brian Mercer Award for Innovation is 25 April 2013.*

*The closing date for the International Exchanges is 26 June 2013.*

### Aging Cell: Stay sugar-free and live longer

The relationship between sugar and longevity has been tested at the Leiden University Medical Center (Netherlands) in an intriguing study by Carolien Wijsman and colleagues. Using continuous monitoring with a subcutaneously-implanted glucose sensor to calculate blood glucose concentration from interstitial fluid in healthy non-diabetic young and middle-aged individuals, the study reports that longevity may be associated with lower overall mean glucose levels. If you would like to find out more about their study including the relationship of glucose to diurnal and nocturnal variability, see the April issue of Aging Cell at <http://onlinelibrary.wiley.com/doi/10.1111/accel.12042/full>

### Anatomical Society Research Studentships 2013/14

The Anatomical Society offers a limited number of Research Studentships to be held in departments of anatomical sciences in the UK and Ireland. Applications are currently being invited from prospective supervisors for Research Studentships to commence in October 2013. The closing date for applications is **Friday 30th August 2013**.

### Vacancies

The **University of Sheffield** (Mechanical Engineering) has a vacancy for a **Research Associate** in Computational Musculoskeletal Biomechanics to develop protocols for the generation of individualised multiscale biomechanical models of the musculoskeletal system, from imaging and motion analysis data; and contribute to its application to the investigation of paediatric pathologies, such as Juvenile Idiopathic Arthritis. Closing date: **Monday, 6 May 2013**

The **University of Sheffield** (Mechanical Engineering) has a vacancy for a **Research Associate** to work on the development of computational models of bone formation and resorption to predict changes in bone in preclinical intervention studies. Candidates for this post must hold a PhD (or equivalent experience) and a good knowledge of musculoskeletal anatomy and physiology. Closing Date: **17 May 2013**

Applications are invited for a **Mathematics PhD Studentship** at the **University of Exeter** (mathematical modelling of cardiac rhythms in health and disease) to work on a project that will develop biophysically plausible, mathematically tractable, models of the complex electrical waveforms of the heart (measured for example using ECG). The project will involve direct collaboration with University of Oxford's Department of Physiology, Anatomy and Genetics, and the Bristol Heart Institute. Closing date: **Saturday 4 May 2013**

### Send us your news!

If you have any news, events or announcements that you would like to see published in the newsletter, send us an email.

### Snap Book Reviews

Members are invited to send us a **200 word synopsis of any textbook** in anatomy, histology, anthropology, embryology or radiology which they are using in their course(s) and which they would like to highlight for other readers.

### Letters to the Editors

Are there issues affecting research and education in anatomy, histology, anthropology, embryology or radiology which you would like to raise to other anatomists? Why not send a **letter to the editors** describing the issue in 150 words or less? We will publish these letters and any responses we receive each month.

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**Join the Anatomical Society  
today and  
receive Anastomosis every 4  
weeks  
electronically by email**

\*

**NEXT  
DEADLINE**

**31 MAY 2013**

# **ANASTOMOSIS**

## **ANATOMICAL SOCIETY BEST IMAGE PRIZE**

**Name of Award:**

*Anatomical Society Best Image Award.*

**Applicants:**

*Anatomical Society Members.*

**Awarded:** *Twice a Year.*

**Judging Panel:** *Website Committee.*

**Amount Awarded:** *£200 twice a year.*

**Deadline dates for next 2 prizes:**

*31st May 2013, 31st October 2013*

**Submit at:** [www.anatsoc.org.uk](http://www.anatsoc.org.uk)

**Images:** *Should be colourful graphical images minimum 75dpi and a maximum size of 0.5 Mbytes for use on our website/newsletter. Con-*

*sent from people appearing in any photos is required. A short 50-word narrative should accompany the image (for example: what it is; how it was produced; why it is special).*

**Number of images:**

*An applicant may submit more than one image.*

*Copyright: Applicants submitting images must either own the copyright of the image or have gained the explicit permission of the copyright holder for the image to be submitted for this award. A copy-right statement must accompany each application. Images on this poster: Oran Kennedy/Kieran McDermott*

**CALL FOR SUBMISSIONS**