

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!

A Joint meeting of the Anatomical Society and the Sociedad Anatómica Española will be held at the Royal College of Surgeons in Edinburgh on July 10-12th 2012. Deadline for abstract submission and registration is **8<sup>th</sup> June 2012**.

### Imminent Deadlines

**3<sup>rd</sup> May 2012** is a key deadline for the following Anatomical Society Awards:

**Symington Bequest Award 2012** (Round 3)

**Barclay-Smith Travelling Fund 2012** (Round 3)

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

### Placental Biology Course

The **Centre for Trophoblast Research, University of Cambridge**, will run a residential course from **1-6 July 2012** in contemporary placental research aimed at graduate students and post-doctoral research associates. Topics include placental immunology, microarray & sequencing techniques, and epigenetics. Deadline for applications is **Friday 27th April 2012**. For more details: [www.trophoblast.cam.ac.uk](http://www.trophoblast.cam.ac.uk)

### Anatomical Society Departmental Seminar

Dr Jennifer Skidmore will host an Anatomical Society seminar and symposium in the University of Southampton on **9<sup>th</sup> May 2012**. The keynote speaker at this interactive workshop entitled "Anatomy Learning Journey: Travelling Together" will be Professor Darrell Evans of Brighton and Sussex Medical School. For more information see: [www.anatsoc.org.uk](http://www.anatsoc.org.uk)

### Anatomical Society Departmental Seminar - Report

**Professor Heiko Luhmann** visited the Department of Physiology, Anatomy and Genetics, University of Oxford on 1<sup>st</sup> and 2<sup>nd</sup> March 2012. After attending the laboratory meeting of Professor Zoltan Molnár's group, Prof Luhmann delivered his seminar entitled: 'Immature cortical circuits: not so immature after all'. Read the full report at: <http://www.anatsoc.org.uk/>

### Symington Bequest Award Recipients (Round 2 2011/2012)

**Mr Wasay Mohiuddin Shaikh Qureshi** - to participate in the 'Congress of the European Societies of Toxicology', Stockholm, Sweden, from 17th to 20th June 2012.

**Dr Jonathan Musgrave** - to examine some recently excavated human skeletal remains from Lefkandi, an Early Iron Age Site, on the island of Euboea, Greece, on 2nd April 2012 for 10 days.

**Dr Alexandra Webb** - to visit the Laboratory of Associate Professor Lars Uhrenholt, Department of Forensic Medicine, Aarhus University, Denmark, in 2012.

### Symington Bequest Award - Report

**Dr. Garry Duffy** of the Royal College of Surgeons in Ireland reports on his recent participation in the Annual Hilton Head Workshop on Regenerative Medicine entitled "Harnessing Biology for Regeneration" which was held at the Sea Pines resort in South Carolina from the 14<sup>th</sup> to 17<sup>th</sup> March 2012. Dr. Duffy presented a talk entitled "microRNA mimic delivery to cardiomyocytes using ultrasound responsive microbubbles". Read the full report at:

<http://www.anatsoc.org.uk/Awards/GrantsandPrizes/TheSymingtonBequest.aspx>

### This issue

Mark your diary

Imminent Deadlines

Prizes & Awards

News of Journal papers

Research funding opportunities

### Calendar

**1-6 July 2012** - University of Cambridge. Placental Biology Course

**10-12 July 2012** - Edinburgh. Joint Meeting of Anatomical Society, and the Spanish Anatomical Society, including Motor Neurone Symposium

**16 - 21 September 2012** - Manchester. European Microscopy Congress

### Deadlines this month

APRIL/MAY

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	1	2	3	4	5

### Anatomical Society Best Image Prize

Deadline for submission of entries is **May 31<sup>st</sup> 2012**

**Gender based differences in the shape of the human corpus callosum**

Bruner and colleagues undertook a geometric morphometric investigation of the pattern of midsagittal shape variation of the corpus callosum. They report that differences between males and females are associated with allometric variations rather than gender-specific characteristics. Read more in the April issue of **Journal of Anatomy** at: <http://onlinelibrary.wiley.com/doi/10.1111/j.1469-7580.2012.01476.x/abstract>

**Rapamycin ameliorates age-dependent learning and memory deficits**

Age is a major risk factor for several neurodegenerative disorders. Gaining insight to the factors which contribute to age-related cognitive decline is of great importance. Majumder and colleagues present new information which suggests that rapamycin, a small molecule known to increase lifespan, also ameliorates age-dependent learning and memory deficits. Read more in the April issue of **Aging Cell** at: <http://onlinelibrary.wiley.com/doi/10.1111/j.1474-9726.2011.00791.x/abstract>

**How biology can save the world**

'We believe the solutions to the world's biggest problems will be found within the biosciences'. The 2012 Society of Biology Photography Competition is now seeking pictures which demonstrate biological problems and solutions. For more information see: <http://www.societyofbiology.org/newsandevents/photocomp>. Closing date for applications: **31<sup>st</sup> July 2012**.

**Follow the lymph vessels**

Sagrario Ortega at the Spanish National Cancer Research Centre in Madrid and her colleagues genetically engineered a mouse to express a luminescent protein under the control of the gene *Vegfr3*, a lymphatic marker. The team imaged live mice, tracking vessel growth during embryo development, wound healing and inflammation. They also watched as lymph vessels grew at the edge of melanoma tumours and in lymph nodes infiltrated by the cancer. Read more at: <http://www.nature.com/nature/journal/v484/n7393/full/484145b.html>

**Heavyweight champions: obesity across the world**

Approximately 1.6 billion of the planet's population are now overweight. Read which countries are helping to tip the scales at: <http://www.telegraph.co.uk/health/healthnews/9202777/Heavyweight-champions-obesity-across-the-world.html>

**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.

**Society of Biology Travelling Fellowship**

Ten awards of £500 for the purpose of overseas travel in connection with biological study, teaching or research are available (Closing Date: 1<sup>st</sup> October 2012)

**Royal Society Funding Opportunities**

Brian Mercer Feasibility Awards (Open for Applications)

Brian Mercer Innovation Award (Closing Date: 9<sup>th</sup> May 2012)

International Exchanges Scheme 2012/R2 (Closing Date: 18<sup>th</sup> June 2012)

**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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