

Welcome to the October 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.

Deadlines

Mark your diary!

The **Winter meeting of the Society** will take place at Magdalene College, University of Cambridge from **14-16 December 2015**. The theme is "Back to the Future" focusing on the past, present and future of the pursuit of anatomical knowledge, and there will be an Education Symposium on "Establishing a Para-Curriculum in Anatomy". Speakers at the meeting will include Stephen Barclay (University of Cambridge), Sarah Channon (Royal Veterinary College), Augusto Coppi (University of Surrey), Mick O'Dea (Royal Hibernian Academy Ireland) and Susan Standing MBE (King's College). Abstract submission closes **14 November 2015**.

The first call for the **7th Asia Pacific International Congress of Anatomists** to be held in Singapore from **17-20 March 2016** has been published. Themes for the meeting cover all aspects of anatomy including simulation, virtual reality and 3D printing. Abstract submission deadline is 15 November 2015.

People

Symington Awards

Congratulations to the following who have been granted Symington Bequest awards: **Dr. Melissa Andrews** to participate in the Society for Neuroscience Annual Meeting from 17-21 October 2015 in Chicago, USA; **Dr. Johnny Stephens** to participate in the 7th International Conference on Oral and Maxillofacial Surgery from 27-30 October 2015 in Melbourne, Australia; **Dr. Vasanta Subramanian** to participate in the Cold Spring Harbor Laboratory Stem Cell Biology Conference from 7-11 October 2015 in New York, USA.

Awardee Reports

Many thanks to **Dr. Alan Ryan** (supported by a Symington Award to present at the TERMIS World Congress in Boston, USA), **Dr. Oran Kennedy** (NYU Departmental Seminar Award), **Ms. Karen Kirkness** (7th International Symposium of Clinical and Applied Anatomy, Bratislava), and **Ms. Susan Morgan** (International Symposium on Morphological Sciences, Istanbul) for submitting reports following their participation at meetings.

Outcomes reports for Undergraduate Student Research Summer Vacation Projects have also been received from **Dr. Albert Basson**, **Professor Graham Burton**, **Dr. Dara Cannon**, **Dr. Sarah Channon**, **Dr. Helen Dodson**, **Professor Anthony Graham**, **Dr. Richard Wingate**, and **Dr. Roxanne Carare**. Read their reports at <http://www.anatsoc.org.uk/Awards/>

Research

Journal of Anatomy: fossils, penguins and bone

Daniel Ksepka at Bruce Museum in Connecticut, USA and colleagues from several research institutions in the US have delivered a fascinating treatise on the evolutionary story in certain penguin bones. How did the bones in these birds adapt to the loss of their capacity for flight - from hollow to dense humerus? You read more in their paper "Bone histology in extant and fossil penguins" in the November issue of the Journal of Anatomy at <http://onlinelibrary.wiley.com/doi/10.1111/joa.12367/full>

Aging Cell: mitochondria and the aging muscle

We all recognize the reduction in muscle mass that is associated with growing old but Nashwa Cheema and colleagues in the University of Alberta (Canada) were curious about the role of mitochondrial mutations and subsequent dysfunction in the process. Details of their findings suggesting a progressive deterioration starting with mitochondrial DNA deletions are outlined in their paper "Apoptosis and necrosis mediate skeletal mus-

Calendar

November

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					

Best Image Prize Deadline October 31, 2015

The next deadline for the Society's Best Image Prize is 31 October 2015. The size limit for submitted images is 1.0MB.

Meet the Society Officers

Want to be able to recognize your Society Officers? Log on to the society facebook page and meet them by watching short introductory videos that allow you to find out who they are.

Departmental Seminar Awards 2015/16

Professor Alan Crossman
Professor Mark Fisher, St Georges University of London

Professor Lopa Leach/ Siobhan Loughna, University of Nottingham

Professor Allen Moore, University of Exeter

Mrs Janet Philp/ Professor Gordon Findlater / Professor Tom Gillingwater, University of Edinburgh

Dr. Donal Shanahan, Queens University Belfast

cle fiber loss in age-induced mitochondrial enzymatic abnormalities" in the journal Aging Cell at <http://onlinelibrary.wiley.com/doi/10.1111/ace.12384/full>

The **Centre for Trophoblast Research** is offering up to **2 studentships** starting **October 2016** for research that promotes the study of placental biology. Studentships are funded at Wellcome Trust rates for 3 years. More details at www.trophoblast.cam.ac.uk/

The **Chairs of Science is Vital** campaign seeking help to spread the message (science is vital) to the George Osborne and the government. See scienceisvital.org for more information.

Graduate Center

Support for Student Societies

The Society provides up to 6 competitive awards to support Student Surgical Societies and Other Student Societies. Applications for maximum funding of £200 are considered on a rolling basis (1 October to 30 September). More details at www.anatsoc.org.uk

Opportunities

Job Vacancies

The **University of Edinburgh** is inviting applications for a **Teaching Fellow in Human Anatomy** based in the Biomedical Teaching Organisation. The successful candidate will teach and assess postgraduate anatomy courses in the MSc Human Anatomy programme. Closing date: **2 November 2015**

Applications are being accepted for seven **Medical Demonstrators** at the **University of St Andrews** School of Medicine to teach and assess regional anatomy and clinical skills to medical students. There will be opportunities to prepare for postgraduate examinations e.g. MRCS. Closing date: **13 November 2015**

Training Opportunities: Royal Society of Biology Courses

The following Royal Society of Biology courses are available to staff and members of the Anatomical Society at discounts of up to 50%:

- Persuasive scientific report writing, 16.11.15, London, For writers of technical, scientific and other related reports or documents, who wish to improve their report and general document writing skills
- Science communication workshop, 25.11.15, London, How to engage the public with science and get your message across effectively
- Commercial awareness for life scientists, 03.02.16, Edinburgh, For scientists working in industry and post-docs/PhD students considering a career in industry

Royal Society Grants

Brian Mercer Feasibility

Award for scientists who wish to commercialise an aspect of their research. No deadline.

Royal Society Research Professorship

for world-class scientists to focus on research and collaboration based in the UK. Closes 3 November 2015.

Irregular Anatomist

If you fancy a bit of blog reading, you can check out the post on the newly renovated Surgeons Hall Museum at the Royal College of Surgeons of Edinburgh.



Items should reach the editors a minimum of 30 days before the date that the event is scheduled to take place.



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

Journal of Anatomy

Volume 227, Issue 5, Pages 583–704, November 2015

Original Articles

- 583 Comparison of pigment cell ultrastructure and organisation in the dermis of marble trout and brown trout, and first description of erythrophore ultrastructure in salmonids
I. Djurdjevič, M.E. Kreft and S. Susnik Bajec
- 596 Scar-free cutaneous wound healing in the leopard gecko, *Eublepharis macularius*
H.M. Peacock, E.A.B. Gilbert and M.K. Vickaryous
- 611 Bone histology in extant and fossil penguins (Aves: Sphenisciformes)
D.T. Ksepka, S. Werning, M. Sclafani and Z.M. Boles
- 631 Variation in the shape and mechanical performance of the lower jaws in ceratopsid dinosaurs (Ornithischia, Ceratopsia)
L. Maiorino, A.A. Farke, T. Kotsakis, L. Teresi and P. Piras
- 647 Bony orbital maldevelopment after enucleation
Y. Ji, F. Ye, H. Zhou, Q. Xie, S. Ge and X. Fan
- 654 The role of fasciae in Civinini–Morton's syndrome
C. Stecco, I. Fantoni, V. Macchi, M. Del Borrello, A. Porzionato, C. Biz and R. De Caro
- 665 *In vivo* relationship between pelvis motion and deep fascia displacement of the medial gastrocnemius: anatomical and functional implications
C. Cruz-Montecinos, A. González Blanche, D. López Sánchez, M. Cerda, R. Sanzana-Cuche and A. Cuesta-Vargas
- 673 Development of the ventral body wall in the human embryo
H.K. Mekonen, J.P.J.M. Hikspoors, G. Mommen, S.E. Köhler and W.H. Lamers
- 686 Three-dimensional structure of seminiferous tubules in the adult mouse
H. Nakata, T. Wakayama, T. Sonomura, S. Honma, T. Hatta and S. Iseki

Methods

- 695 Optimal preservation of porcine cardiac tissue prior to diffusion tensor magnetic resonance imaging
P. Agger, T. Lass, M. Smerup, J. Frandsen and M. Pedersen

Matters Arising

- 702 Lymphatic vessels of the dura mater: a new discovery?
F. Bucchieri, F. Farina, G. Zummo and F. Cappello

704 Announcement

Information on this journal can be accessed at: <http://www.journalofanatomy.com>

Cover image adapted from H. Nakata et al., 'Three-dimensional structure of seminiferous tubules in the adult mouse.' (2015) 227:5, 686–694.

**Next
deadline**

Oct 31

CALL FOR SUBMISSIONS

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:

31 October 2015, 31 May 2016

Submit at www.anatsoc.org.uk

Images: Should be a single colorful graphical image minimum 75 dpi and a maximum size of 1.0MB for use on Society website/ newsletter. Consent from people appearing in any photos is required. A title (no more than 3 words) and 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 not more than 3 images for any one competition.

Copyright: Applicants submitting images must either own the copyright to the image or have gained the explicit permission of the copyright holder for the image to be submitted for this competition. A copyright statement must accompany each application.

Images on this poster:
Crispin Wiles, Tanya Shaw