

Welcome to the January 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 Anatomical Society will be a guest society of the American Association of Anatomists (AAA) at the **Experimental Biology meeting in Boston, USA: 28th March to 1st April 2015**. The Society will be holding two symposia at the meeting: Creation of tissue-like structures using advanced technologies, and Keep calm and carry on teaching. Members can apply for Symington grants to support travel to the meeting; the deadline for applications is 5th March 2015.

People

Young Investigator Oral Presentation Prize 2014

Congratulations to **Dean Malik** at King's College London who received the Young Investigator Oral Presentation Prize at the Winter meeting of the Society in Birmingham 15-16 December 2014. Joint runner-up prizes went to **Matthew Parnell** at University of Nottingham and **Edwin Dickinson** at University of York.

Awardee Reports

Many thanks to Ross Alexander Jones for his outcomes report following his attendance at the Society meeting at the University of Birmingham 15-16 December 2014. You can read his report at <http://www.anatsoc.org.uk/Awards/>

Gray's Anatomy Art Contest

Submissions are being invited for original artwork for the Gray's Anatomy Art Contest that offer clear, striking, novel or innovative views of anatomy relevant to modern clinical practice for a Grand Prize of \$1000. Submissions will be accepted until 27 February 2015.

Harold J. Browne, MSc, MCh, FACS, Hon FRCSI, Hon FAS

Educated at St Mel's College Longford and UCD, Harold Browne was amongst the first Irish surgeons to be awarded a fellowship to train at the Mayo Clinic in Rochester, Minnesota before returning to Ireland as a Consultant Surgeon at the Richmond Hospital in Dublin. His surgical expertise made him the choice of his colleagues when they went under the knife and his wisdom led them to elect him President of the Irish Medical Council. On his return from the US in 1953, he began teaching anatomy in the Royal College of Surgeons in Ireland part-time and, when he retired from surgical practice in 1987, he became a Surgeon Prosecutor in the Department of Anatomy. Fellowship of the American College of Surgeons, Honorary Fellowship of RCSI, the College medal and the naming of operating and lecture theatres and a boardroom are amongst his glittering prizes. But I suspect that it is the high regard in which he is held by generations of students that mattered most to him - the students elected Harold as President of their Biological Society in its 80th year, his 90th year and it marked 60 years teaching in the College. Harold's knowledge of anatomy, medicine and life, together with his wit, made him a legend in his own lifetime. His lectures were delivered with style and peppered with stories from his clinical practice, which made them both credible and memorable. He left his mark on generations of students and surgical trainees, many of whom are now prominent in the profession in Ireland and around the world, including several Presidents of RCSI and its current registrar, Professor Cathal Kelly. 'Gubernaculum' is Latin for 'helm, rudder'. Harold helped steer anatomy in Ireland for 60 years and the President of the Society, Professor Ceri Davies, was delighted to confer him with Honorary Fellowship of the Anatomical Society on 5th July, 2013.

By C. Lee, Professor of Anatomy, RCSI

Calendar

February

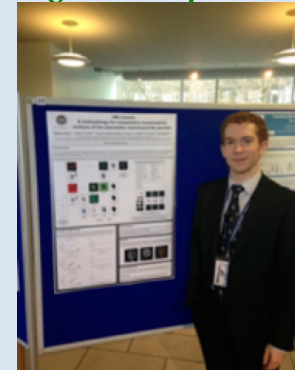
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	12
13	14	15	16	17	18	19
20	21	21	22	23	24	25
26	27	28				

28 Mar-1 Apr 2015 – Boston. Guest society at Experimental Biology 2015

Best Image Prize Winners

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

Society meeting Birmingham 2014



Ross Jones at his poster at the Society meeting in Birmingham, 15-16 Dec 2014

Gray's Anatomy Art Contest

Submit clear, striking, novel or innovative artwork relevant to clinical practice for the contest. Deadline: 27 Feb 2015

National Undergraduate Neuroanatomy Competition

Registration for the 2015 National Undergraduate Neuroanatomy Competition has opened. The event, which consists of paper-based and practical examinations, will be held on March 28 2015 and will feature a guest lecture from past Society President Professor Susan Standing. Details are available at www.natneurocomp.co.uk

Research

Journal of Anatomy: converting Y to V in renal collecting ducts

It took embryonic mice and computer modeling for Nils Lindström and colleagues at the University of Edinburgh and Beth Israel Deaconess Medical Center in Boston to arrive at a suggested explanation for how node retraction causes the renal collecting ducts to transform into the histological description that we teach and apply to renal physiology and medicine. You can read more about their study in the January issue of the Journal of Anatomy at <http://onlinelibrary.wiley.com/doi/10.1111/joa.12239/full>.

Aging Cell: sirtuins as signature for frailty

Rahul Kumar and colleagues in the All India Institute of Medical Sciences have extended the calorie restriction and longevity story to involve the NAD-dependent proteins sirtuin. The results of their study show an association between frailty in individuals and serum sirtuin levels and suggest that these proteins may serve as markers for frailty. You can read more about the study in the December issue of Aging Cell at <http://onlinelibrary.wiley.com/doi/10.1111/accel.12260/full>

Graduate Center

New Support for Student Societies

The Society has created a new series of awards for supporting Student Societies. Applications for funding from Student Surgical Societies and Other Student Societies for up to 6 awards per funding cycle (1 October to 30 September) will be considered by the Society. Each award will be for a maximum of £200. More details at www.anatsoc.org.uk

Vacancies

Job Vacancies

The **University of Sheffield- Department of Biomedical Science** is inviting applications for a position as **Lecturer (Anatomy)**. Candidates are expected to have teaching skills and experience in human anatomy, a research profile in translational research, and contribute to developing new undergraduate and postgraduate training courses. Closing date: **12 February 2015**

Ross University School of Medicine, West Indies, is inviting applications for an **Anatomical Sciences Medical Imaging Facility Manager** at the assistant Professor rank in Anatomy. Candidates will be expected to manage the Center for Anatomical Sciences and Medical Imaging, and oversee cadaver care, instructional activities, general cleanliness, and maintenance of equipment for instruction and research. Bachelor's degree required. Closing date: **11 February 2015**

Applications are invited from medical graduates for a **Lecturer/Senior Lecturer - Anatomy (Veterinary or Comparative Anatomist)** to teach gross anatomy, embryology and histology to undergraduate and postgraduate students in veterinary, biomedical and general sciences at the **James Cook University** in Australia. Closing date: **30 January 2015**.

Royal Society Funding Opportunities

Brian Mercer Feasibility Award for scientists who wish to investigate the feasibility of commercialising an aspect of their research is currently open.



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 226, Issue 2, Pages 113–214, February 2015

Original Articles

- 113 Development of the human infrahepatic inferior caval and azygos venous systems
J.P.J.M. Hikspoors, J.H.M. Soffers, H.K. Mekonen, P. Cornillie, S.E. Köhler and W.H. Lamers
- 126 Cellular and molecular maturation in fetal and adult ovine calcaneal tendons
V. Russo, A. Mauro, A. Martelli, O. Di Giacinto, L. Di Marcantonio, D. Nardinocchi, P. Berardinelli and B. Barboni
- 143 Anatomy of the proximal tibiofibular joint and interosseous membrane, and their contributions to joint kinematics in below-knee amputations
T.A. Burkhart, B. Asa, M.W.C. Payne, M. Johnson, C.E. Dunning and T.D. Wilson
- 150 Modeling the dental development of fossil hominins through the inhibitory cascade
K. Schroer and B. Wood
- 163 Evaluation of demographic factors affecting predictability of the sacro-femoral-pubic angle in healthy adolescents
Z. Liu, H. Bao, Y. Qiu, J. Qiao, L. Xu, F. Zhu, B. Qian and Z. Zhu
- 169 The structural and compositional transition of the meniscal roots into the fibrocartilage of the menisci
S.H.J. Andrews, J.B. Rattner, H.A. Jamniczky, N.G. Shrive and A.B. Adesida
- 175 The total number of Leydig and Sertoli cells in the testes of men across various age groups – a stereological study
P.M. Petersen, K. Seierøe and B. Pakkenberg
- 180 Exploring the biomechanics of taurodontism
S. Benazzi, H.N. Nguyen, O. Kullmer and J.-J. Hublin

Abstracts

- 189 Anatomical Society Summer Meeting

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

Cover illustration: The inferior caval and azygos veins in a human embryo of 10 weeks. Blue: cardinal system, light blue: subcardinal system, dark blue + gray: vitelline system (dark blue: intrahepatic portion and gray: hepatocardiac vein), red: arterial system, yellow: mesonephric remnants, light green: kidneys, dark green: adrenals, purple: lungs, orange: sympathetic trunks. See article by Hikspoors *et al*, 'Development of the human infrahepatic inferior caval and azygos venous systems' in the issue of *Journal of anatomy* (2015) 226, 113–125.

May
31

Next
deadline

CALL FOR SUBMISSIONS

ANASTOMOSIS

Anatomical Society Best Image Award

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 May 2015, 31 October 2015

Submit at www.anatsoc.org.uk

Images: Should be colorful graphical images 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 short 50-word narrative should accompany the image (for example: what it is; how it was produced; why it is special).

Number of images: Any applicant may submit more than one image.

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:

James Turbett, Luc Bidaut