Welcome to the February 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 **Summer meeting of the Society** will take place jointly with the British Association of Clinical Anatomists (BACA) at Brighton and Sussex Medical School from **19-21 July 2016**.

The **Association of Basic Science Teachers in Dentistry (ABSTD)** will be holding the 7th European Meeting in Amsterdam, **7th-8th April 2016**. The theme of the meeting is Saliva, Salivary Glands and the Dental Curriculum (whetting the apatite for learning).

Applications are currently open for the **L’Oréal-UNESCO For Women in Science UK & Ireland Fellowships Programme** for 2016. Five outstanding female post-doctoral scientists will each receive fellowships worth £15,000. The fellowships are open to female postdoctoral researchers working in the fields of life and physical sciences, engineering, mathematics and computer sciences. Apply online at [www.womeninscience.co.uk](http://www.womeninscience.co.uk) by the deadline 11th March 2016.

**Research**

**Journal of Anatomy: invasion by the synovium**


**Aging Cell: you are too close to my eye!**

Retinal pigment cells are central to retinal health but appear to be quite sensitive to neighborhood proximity. They stop dividing, skulk, increase in size, become multinucleate, and refuse to play when the photoreceptor outer segment gets too close. This fascinating children’s playground-type scenario is described by Mei Chen and colleagues at Queen’s University Belfast, University of Aberdeen, University of Western Australia, and Lions Eye Institute, Australia in their paper ‘Retinal pigment epithelial cell multinucleation in the aging eye – a mechanism to repair damage and maintain homeostasis’. You can read more in the current issue of the journal Aging Cell at [http://onlinelibrary.wiley.com/doi/10.1111/acel.12447/full](http://onlinelibrary.wiley.com/doi/10.1111/acel.12447/full).

**Early Call: Anatomical Society Studentships**

The Society has announced that it will be seeking applications from Society Members for Anatomical Society Studentships 2016/17 round (student start date 1st October 2017) next year. Application Details will be announced in early 2016.

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

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**Calendar**

**March**

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**Best Image Prize Deadline May 31, 2016**

The next deadline for the Society’s Best Image Prize is May 31st, 2016. The size limit for submitted images is 1.0MB.

**March Table of Contents Journal of Anatomy**

The electronic table of contents of the March issue of the Journal of Anatomy is available in this issue of the newsletter.

**Royal Society Grants**

**Brian Mercer Feasibility Award**

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

Job Vacancies

Applications for Anatomy Demonstrators are being invited at the University of Birmingham - Institute of Clinical Sciences to teach topographical and functional anatomy of the body, neuroanatomy and histology to undergraduates in Medicine, Dentistry, graduate entry medicine, Biomedical Science Pharmacy, Physiotherapy and other allied health professions. Closing date: 9 March 2016.

The National University of Ireland, Galway are inviting applications for a Personal Professor / Senior Lecturer in Anatomy in the School of Medicine. The successful candidate will be required to teach and to develop a research programme within the Discipline of Anatomy in the School of Medicine, and assume responsibility for directing and developing new and innovative teaching initiatives in human anatomy. Closing date: 10 March 2016.

The University of Bristol is accepting applications for up to 5 Demonstrators in Anatomy at the Centre for Comparative and Clinical Anatomy. Successful candidates are expected to teach human anatomy to medical, dental and science students, and be involved in teaching on external anatomy courses to allied healthcare professional (undergraduate/postgraduate). Closing date: 13 March 2016.

The University of Southampton Centre for Learning Anatomical Sciences have a vacancy for a Teaching Fellow to join in developing and providing human anatomy teaching and learning for undergraduates in medicine. Teaching areas include gross anatomy, microanatomy, developmental anatomy and neuroanatomy. Closing date: 13 March 2016.

Applications are invited for the vacant post of Lecturer in Clinical Anatomy at University of Hull Centre for Anatomical and Human Sciences. The successful applicant will be expected to contribute to teaching in the Centre, primarily the development, delivery and evaluation of the HYMS Clinical Anatomy MSc programmes, and supporting the development and delivery of modules for the existing undergraduate (MBBS) and postgraduate anatomy programmes. Closing date: 28 March 2016.

Items should reach the editors a minimum of 30 days before the date that the event is scheduled to take place.
Journal of Anatomy
Volume 228, Issue 3, Pages 355–530, March 2016

Original Articles
355 The definitions of three-dimensional landmarks on the human face: an interdisciplinary view
S. Katina, K. McNeil, A. Ayoub, B. Guillotybu, B. Khambay, P. Siebert, P. Sukno, M. Rojas, L. Vittert, J. Waddington,
P.F. Whelan and A.W. Bowman

366 Bony labyrinth shape variation in extant Carnivora: a case study of Musteloidea
C. Grohé, Z.J. Tseng, R. Lebrun, R. Boistel and J.J. Flynn

384 Quantitative comparison of cerebral artery development in metatherians and monotremes with non-human eutherians
K.W.S. Ashwell and B. Shulruf

396 The better to eat you with: the comparative feeding morphology of phocid seals (Pinnipedia, Phocidae)
S.S. Kienle and A. Berta

414 Morphology and function of the palatal dentition in Choristodera
R. Matsumoto and S.E. Evans

430 Odorous secretions in anurans: morphological and functional assessment of serous glands as a source of volatile compounds in the skin of the treefrog Hypsiboas pulchellus (Amphibia: Anura: Hylidae)
A.E. Brunetti, G.N. Hermida, M.G. Iurman and J. Faivovich

443 Selective loss of alpha motor neurons with sparing of gamma motor neurons and spinal cord cholinergic neurons in a mouse model of spinal muscular atrophy
R.A. Powis and T.N. Gillingwater

452 Distinct expression patterns for type II topoisomerases IIA and IIB in the early fetal human telencephalon

464 Mapping cellular processes in the mesenchyme during palatal development in the absence of Tbx1 reveals complex proliferation changes and perturbed cell packing and polarity
L.J. Brock, A.D. Economou, M.T. Cobourne and J.B.A. Green

474 Progenitor cell niches in the human pancreatic duct system and associated pancreatic duct glands: an anatomical and immunophenotyping study

487 Unique expression of cytoskeletal proteins in human soft palate muscles
F. Shah, D. Berggren, T. Holmlund, E. Levring Jäghagen and P. Stål

495 Infrarenal inferior caval and azygos vein formation in mammals with different degrees of mesonephric development
J.P.M. Hikspoors, H.K. Mekonen, G.M.C. Mommen, P. Cornillie, S.E. Köhler and W.H. Lamers

511 Morphological analysis of the urethral muscle of the male pig with relevance to urinary continence and micturition
L. Ragionieri, F. Ravanetti, F. Gazza, M. Botti, A. Ivanovska and A. Cacchioli

520 Contribution of synovial lining cells to synovial vascularization of the rat temporomandibular joint

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

Cover illustration taken from T. Gillingwater and R. Powis, 'Selective loss of alpha motor neurons with sparing of gamma motor neurons and spinal cord cholinergic neurons in a mouse model of spinal muscular atrophy. (2016) 228:3, 443-451
ANASTOMOSIS
Anatomical Society Best Image Prize

Open to Anatomical Society members, entries are adjudicated by the Website Committee and the £200 prize is awarded twice a year. Submit entries 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). An applicant may submit not more than 3 images for any one competition. 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: Susan Chapman, Stephane Berneau

CALL FOR SUBMISSIONS
Next deadline May 31