

Welcome to the June 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 initial announcement for the **7th International Symposium of Clinical and Applied Anatomy** in Bratislava, Slovakia in **September 2015** has been published. You can read more about the symposium at [www.iscaa2015.sk](http://www.iscaa2015.sk)

## People

### Congratulations to Susan Standing MBE

In the **Queen's Birthday Honours List** published on June 12, 2015, **Professor Susan Standing** past president of the Society was made a **Member of the Order of the British Empire** in recognition of her services to Anatomical Education. Society President Professor Clive Lee remarked: "This is a richly deserved honour and on behalf of the Anatomical Society, I congratulate Susan on her MBE".

### Best Paper Award - Journal of Anatomy

Congratulations to **Dr. Emiliano Bruner and colleagues** for their paper on *midsagittal brain variation and MRI shape analysis in the precuneus* that has been awarded the best paper prize 2014 in the Journal of Anatomy (vol 224:367-76). **Runner-up prizes** were awarded to **Dr. Vivian Allen and colleagues** for their paper on asymmetrical gait in crocodylia (vol 225:569-82) and to Dr. Sara Burch for her paper on dinosaur forelimb morphology (vol 225:271-97).

### Best Paper Award - Aging Cell

Congratulations to **Dr. Dai and colleagues** for their paper on *proteome turnover and remodelling in the aging heart* that has been awarded the best paper prize 2014 in the journal Aging Cell (vol 13:529-39). **Runner-up prizes** were awarded to **Dr. Brown-Borg and colleagues** for their paper on growth hormone signaling and lifespan extension (vol 13:1019-27) and to **Dr. Gribble and colleagues** for their paper on maternal caloric restriction and effects on offspring (vol 13:623-30).

### Awardee Reports

Many thanks to **Tarimbo Michael O'tobo** for his outcomes report following a Society-supported participation at the Experimental Biology meeting in Boston. You can read his report at <http://www.anatsoc.org.uk/Awards/>

## Research

### Journal of Anatomy: fingertip sensitivity in primates

We know about Meissner's corpuscles and their presence in the fingertips but Andrey Verendeev and colleagues at universities in Washington, DC, Atlanta and San Antonio, have just found evidence that the right hand in chimpanzees may be no more sensitive than the left hand. The correlation between corpuscle size and body size in primates is explored in a paper entitled "comparative analysis of Meissner's corpuscles in the fingertips of primates" and you can read more about the study in the July issue of the Journal of Anatomy at <http://onlinelibrary.wiley.com/doi/10.1111/joa.12327/full>

### Aging Cell: bad neurons in aging and in Parkinson's disease

Researchers of aging and of Parkinson's disease may need to work more closely together to gain a better understanding of neuronal degeneration. Manuel Rodriguez and colleagues at the University of La Laguna in Spain have presented a wonderful review examining the information and data on neuronal and other cell populations in both states in their paper entitled "Parkinson's disease as a result of aging" in the June issue of the journal Aging Cell at <http://onlinelibrary.wiley.com/doi/10.1111/accel.12312/full>

## Calendar

July

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	31	

## Anatomical Society Undergraduate Summer Vacation Research Scholarships 2015

**Dr Albert Basson**, King's College, London

**Professor Graham Burton**, Cambridge University

**Dr Roxana Carare**, Southampton University

**Dr Sarah Channon**, Royal Veterinary College, London

**Professor Anthony Graham**, King's College, London

**Dr Flora Groening**, Aberdeen University

**Professor Roger Keynes**, Cambridge University

**Dr Helen Dodson**, National University of Galway, Ireland

**Dr Dara Cannon**, National University of Galway, Ireland

**Dr Richard Wingate**, King's College, London

## Meet the Society Officers

Want to be able to recognize your Society Officers? Society Membership officer Dr. Gabrielle Finn has created short introductory videos that allow you to do just that. Log on to the society facebook page and meet them.

**Book: Human Evolution**

Royal Society Publishing has recently published a special issue of Philosophical Transactions B entitled Human evolution: brain, birthweight and the immune system, organized and edited by Graham J Burton, Ashley Moffett and Barry Keverne. This content can be accessed at [rstb.royalsocietypublishing.org](http://rstb.royalsocietypublishing.org) and the Introduction is free to access.

**Graduate Center**

Applications are invited for a **PhD Studentship in Forensic Science** in the Technology Futures Institute at Teesside University to join a dynamic and innovative research team (Prof. Tim Thompson, Dr Meez Islam and Dr Mark Butler) interested in understanding the diagenetic and decompositional changes occurring within mass graves. Deadline for application: **3 August 2015**

**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)

**Vacancies****Job Vacancies**

**University College Cork** - School of Medicine has 1 vacancy for a **Senior Lecturer** in Anatomy & Neuroscience. The successful candidate will be expected to teach and examine, have a cutting-edge Neuroscience research programme, and undertake administrative duties. Closing date: **July 30, 2015**.

Applications are being invited for one **Lecturer/Senior Lecturer in Human Anatomy** at **University of Dundee - Centre for Anatomy & Human Identification** to be involved in the learning and teaching activities of the Centre, including provision of lecture, small group and dissection based teaching to medical, dental and science students. Closing date: **July 8, 2015**

Applications are invited for two vacant posts of **Teaching Fellow in Anatomical Sciences** at the **University of Southampton** to contribute to the teaching of all aspects of human anatomy and to assist with the development of innovative teaching and learning techniques. Experience teaching anatomy to undergraduate students is desirable. Closing date: **July 10, 2015**

The **University of Leicester** is inviting applications for a **Clinical Teaching Fellowship in Medical Education** to teach undergraduate medical students, mainly in the first three years of their course and undertake a qualification in Academic Practice. Closing date: **July 8, 2015**

**Anatomical Society Research Studentships**

Applications are currently being invited from prospective supervisors for up to 4 **PhD Prize Society Research Studentships** to be held in departments of anatomical sciences in the UK and Ireland beginning in October 2016. Funding is provided for 3 years to cover student stipend, tuition fees, some project costs, and travel allowance. For more details, see [www.anatsoc.org](http://www.anatsoc.org). The closing date for applications is **Friday 28th August 2015**.



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 1, Pages 1–102, July 2015

## Original Articles

- 1 Dynamic expression patterns of Pax6 during spermatogenesis in the mouse  
*R. Kimura, K. Yoshizaki and N. Osumi*
- 10 High doses of caffeine reduce *in vivo* osteogenic activity in prepubertal rats  
*J. Shin, Y. Choi, J. Kim, A.-R. Yu, J.-S. Shin, Y.-Y. Choi and J. Roh*
- 21 Genetically induced abnormal cranial development in human trisomy 18 with holoprosencephaly: comparisons with the normal tempo of osteogenic–neural development  
*S.N. Reid, J.M. Ziermann and M.C. Gondré-Lewis*
- 34 Jaw myology and bite force of the monk parakeet (Aves, Psittaciformes)  
*J. Carril, F.J. Degrange and C.P. Tambussi*
- 45 New insight into the anatomy of the hyolingual apparatus of *Alligator mississippiensis* and implications for reconstructing feeding in extinct archosaurs  
*Z. Li and J.A. Clarke*
- 62 The innervation of the zebrafish pharyngeal jaws and teeth  
*J. Crucke, A. Van De Kelft and A. Huysseune*
- 72 Comparative analysis of Meissner's corpuscles in the fingertips of primates  
*A. Verendeev, C. Thomas, S.C. McFarlin, W.D. Hopkins, K.A. Phillips and C.C. Sherwood*
- 81 Anterior migration of lateral plate mesodermal cells during embryogenesis of the pufferfish *Takifugu niphobles*: insight into the rostral positioning of pelvic fins  
*M. Tanaka, R. Yu and D. Kurokawa*
- 89 Changes in gene expression and cell shape characterise stages of epibranchial placode-derived neuron maturation in the chick  
*A.C. Smith, S.J. Fleenor and J. Begbie*

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

Cover image taken from R. Kimura et al., 'Dynamic expression patterns of Pax 6 during spermatogenesis in the mouse.'  
Journal of Anatomy (2015) 227:1, 1–9.

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