

Welcome to the July 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 Anatomical Society will be held at **Newcastle University, Dental Hospital** on **December 16-18th, 2013**. The theme of this meeting will be 'Assessment within Medical Education / Sense Organs.' Details will appear at <http://www.anat-soc-meeting.co.uk/> in late August.

## Research

The deadline for preliminary applications for the **Royal Society Sir Henry Dale Fellowship** for outstanding post-doctoral scientists wishing to build their own UK-based, independent research career addressing an important biomedical question is **1 November 2013**. (<http://royalsociety.org/grants/schemes/henry-dale/>)

**Journal of Anatomy: architecture and latissimus dorsi muscle.** Just as Victorian architecture is celebrated and analysed for complexity and intricacy of construction, Michael Gerling and Stephen Brown from the University of Guelph in Ontario, Canada have analysed the architectural design of the latissimus dorsi muscle in humans. Their paper "Architectural analysis and predicted functional capability of the human latissimus dorsi muscle" in the August issue of the Journal of Anatomy examines the ability of the muscle to generate force and change length through ranges of motion. You can read more about their paper at <http://onlinelibrary.wiley.com/doi/10.1111/joa.12074/abstract>

**Ageing Cell: it may be possible to starve yourself to survival.** Consider this: the *C. elegans* female dies when her offspring hatch in the uterus but when diet is restricted, maternal death is delayed. The relationship between food, maternal death and intra-uterine hatching is explored in a paper "Age-related degeneration of the egg-laying system promotes matricidal hatching in *Caenorhabditis elegans*" by Christopher Pickett and Kerry Kornfeld from Washington University School of Medicine in St. Louis, Missouri in the August issue of the journal Ageing Cell, and brings a whole new meaning to the phrase "starving oneself to death". You can read more about this fascinating study at <http://onlinelibrary.wiley.com/doi/10.1111/accel.12079/abstract>

## Education

**Anatomical Society ATP:** The Anatomical Society Anatomy Training Programme (ATP), which provides vocational training to those involved in teaching anatomy but who have not had much exposure to either human anatomy or clinical experience, will begin 1st September 2013.

## People

**Inaugural Anatomical Society New Fellow of the Year Award 2013:** The Society is inviting nominations for election as Fellows of the Anatomical Society on a rolling basis. In 2012/2013, the Anatomical Society will present a New Fellow of the Year Award to the Fellow of the Anatomical Society who has demonstrated the most significant accomplishments relative to their career stage. The award will be presented at the Society's Winter Meeting in 2013. The New Fellow of the Year 2013 will be selected from those elected to Fellowship during the academic year 2012-13. More details including the proposal form are available here <http://www.anatsoc.org.uk/Awards/GrantsandPrizes/NewFellowoftheYearAward.aspx>.

## Awardee Reports

Many thanks to all of the Society awardees who recently reported back from visits and meetings that were supported by Society grants:

## Calendar

August

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

**16-18 December 2013 – Newcastle.** Winter Meeting of Anatomical Society at Newcastle University Dental Hospital

## Royal Society Funding Opportunities

Applications for the University Research Fellowships will close in 17 September 2013

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



Tom Gillingwater and three of his PhD students, just before the conference dinner at the Summer meeting in Dublin in July 2013

- Alexandra Webb who visited Professor Lars Uhrenholt's lab at Aarhus University in May 2013
- Gabrielle Finn who attended the American Association of Anatomists meeting in Boston in April 2013 and presented her study on the predictive validity of formative anatomy assessments.
- Poster presentations at the Society meeting in Dublin in July 2013 from the following:
  - Chantal Mutsaers from University of Edinburgh (label-free proteomics identifies peripherally-accessible biomarkers for spinal muscular atrophy);
  - Berti Federica from University of Portsmouth (control of muscle stem cell maintenance versus differentiation in the chicken embryo);
  - Paula Vickerton from University of Liverpool (defining adaptation in the rat musculo-skeletal system in response to changing biomechanical demands);
  - Sarah Roche from University of Edinburgh (glial cells play a defining role in developmental synapse elimination at the mouse neuromuscular junction);
  - Seneka Nakagawa from University of Nottingham (investigating the detailed structure of the venous drainage of the brain in the Wistar rat (*rattus norvegicus*), marmoset (*callithrix jacchus*) and human: a microCT, MRI and ESEM study using resin casting techniques). All of their reports can be viewed on the Society website at [www.anatsoc.org.uk](http://www.anatsoc.org.uk)

#### Best Image Prize 2013

Congratulations to the Winner - Mohammad K Hajjhosseini at the University of East Anglia for his submission on Fgf10 lineage-traced neurons – with assistance in sample preparation from honors project student Ben Matthams. Runner-up (highly commended) is Alan R. Denison at the University of Aberdeen School of Medicine and Dentistry for his submission on 3D cerebral tractography.

#### Job Vacancies

##### Lecturer (T&S) in Human Anatomy, University of Liverpool

The **University of Liverpool** -Human Anatomy Resource Centre (HARC) is seeking to appoint a **Lecturer (T&S) in Human Anatomy** to teach on undergraduate and postgraduate programmes. Experience of teaching through prosection and dissection as well as an understanding of relevant HTA legislation is necessary. **Closing Date: 16 August 2013**

##### Lecturer in Anatomical Sciences, St George's, University of London

The Institute of Medical and Biomedical Education in **St George's, University of London** has a vacancy for a **Lecturer in Anatomical Sciences** who will be primarily responsible for teaching topographical anatomy to students of medicine, allied medical disciplines and biomedical sciences. **Closing Date: 30 August 2013**

##### Senior Lecturer (Education) in Anatomy, Queen's University Belfast

The **Queen's University Belfast** School of Medicine, Dentistry and Biomedical Sciences has a vacancy for a **Senior Lecturer (Education) in Anatomy** to contribute to anatomy teaching in the medical, dental and human biology degree programmes delivered by the Centre for Biomedical Sciences Education within the School. **Closing date: 1 September 2013**

#### Graduate Center

**Anatomical Society Research Studentships 2013/14.** The Anatomical Society offers a limited number of Research Studentships to be held in departments of anatomical sciences in the UK and Ireland. Applications are currently being invited from prospective supervisors for Research Studentships to commence in October 2013. The closing date for applications is **Friday 30th August 2013**.



*Poster presentations at the Summer meeting in Dublin in July 2013: Left to right: Sarah Roche, Sophie Thomson, Chantal Mutsaers, Arwin Sarvestany Aghamaleky*



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