

Anastomosis

Newsletter of the Anatomical Society

Structure, Development, Evolution, Function. Bringing you information about activities and events involving the Society.

Editor Raj Ettarh | Deputy Editor Jean O'Connor

*Published monthly. **October 2010***

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.

Mark your diary!

The **winter meeting and AGM of the Society** will be held at King's College, Guy's Campus In London between **16-17 December 2010**. Details are coming soon but be sure to mark your diary for this two-day meeting.

There will be an **Anatomical Society seminar** in Birmingham on the biomechanics of bipedal gait (modern humans, their ancestors and robots) on **Wednesday 26 January 2011**. Key speaker at the seminar will be Professor Kristiaan D'Aout from Antwerp University who is currently Associate Editor for the American Journal of Physical Anthropology.

Imminent deadlines

November 8, 2010 - deadline for submission of abstracts submission for the American Association of Anatomists (AAA) **annual meeting** in Washington D.C. between 9-13 April 2011 as part of Experimental Biology 2011.

Did you know?

14.3% of members of the Society are involved in research and teaching in physical & forensic anthropology
42.7% of members attend one of the Society's scientific meetings every 24 months.

Image of the month



Many thanks to Professor John Morris for sending in this month's image that was taken at the **Summer Training School of the Anatomical Society Training Programme** in Oxford in August 2010. Pictured right are the participants with the academic staff who provided instruction and training.

Please continue to send us any interesting **images** from your research or teaching in the anatomical sciences. Each month the most interesting image will be published in the Newsletter.

Macrophages talk to enterocytes in vitro

Writing in the October issue of the **Journal of Anatomy**, Anatomical Society Research Student Siobhan Moyes and co-workers found that when Caco-2 cells are grown in an enterocyte-like monolayer in functional association with a compartmentally separate macrophage culture population, transepithelial resistance in the monolayer reduces and uptake of microparticulates increases. You can read more about their findings in the current issue of the journal or you can log on to [http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1469-7580](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1469-7580).

A pdf version of this newsletter is attached to this message and will eventually be available on the Society website www.anatsoc.org.uk. All comments to the newsletter editor at: rettarh@tulane.edu or jean.oconnor@ucd.ie

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HRT reduces muscle loss in aging twins

Monozygotic female twins aged over 50 years have provided us with the latest insight into the role of oestrogen in aging-associated loss in muscle tissue. Paula Ronkainen and colleagues have just reported their findings from studies which show that hormone replacement therapy improves muscle tissue during ageing by, among other things, orchestrating a switch from glucose-oriented metabolism to fatty acid utilisation. The full paper is published in the current October issue of **Aging Cell** which can be accessed online at [http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1474-9726](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1474-9726)

Young anatomists

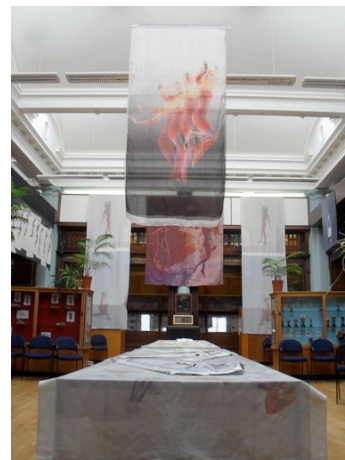
There will be a **Society of Biology Life Sciences careers conference** at King's College London on **Wednesday 24 November 2010**. Explore your options in research, industry, science communication and more! Register online at www.societyofbiology.org/education/careers/lssc for 10 pounds (buffet lunch included).

If you have previously held a **Society Studentship** or else you are currently holding a Society studentship, we would like to hear about your work, your experience(s), your presentations at meetings or scientific publications, and your career. Just send an email to the Editors of the Newsletter at rettarh@tulane.edu and jean.oconnor@ucd.ie. Submissions will be published in the newsletter.

Report from AMEE Glasgow

Gabrielle Finn at University of Durham has just reported back from the Association of Medical Education in Europe (AMEE) annual meeting that was held in Glasgow in July 2010. Anatomy education was the dominant theme at the meeting, with parallel sessions on integration of anatomy and clinical skills in undergraduate curricula. Along with colleagues from Ulster University, Gabrielle also displayed an exhibition 'Flex and Ply' at the Hunterian Museum (pictured right). Next stops for the exhibition are The James Cook University Hospital, Middlesbrough and Friarage Hospital, Northallerton as part of National Pathology Week in November.

Many thanks to Gabrielle for sending us the picture.



Send us your news!

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

Raj Ettarh
Newsletter Editor

Jean O'Connor
Deputy Newsletter Editor

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