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## Stem Cells and Developmental Biology

The topic of the 15th NSW Stem Cell Workshop is *Stem Cells and Developmental Biology*. New discoveries in developmental biology continue to yield insights into our origins, and into the molecular basis of many human diseases.

Once development is complete, some tissues continue to regenerate throughout life, indicating that they contain self renewing populations of stem or progenitor cells whose divisions and fate

decisions may be governed by mechanisms similar to those operating in the developing embryo.

Identifying stem cell populations and understanding their regulation is a key area in modern biology, with potential applications in many fields of medicine.

The 15th Stem Cell workshop on Stem Cells and Developmental Biology will be held at the Medical Foundation Auditorium of the University of Sydney on 31 August between 10am

and 3.30pm. Information regarding workshop program and registrant fee will be available on the Network website in the coming weeks.

Members are invited to register their interest in attending the 15th Stem Cell Workshop by emailing the manager.

The Network is also welcoming sponsorship initiatives from members/companies wishing to be involved in the 15th NSW Stem Cell Workshop.

## Teaching Stem Cells to Students

Whilst the Network has been proactive in teaching various sections of the community about stem cells, for example, general practitioners, we are now looking at the possibility of getting involved with high school students.

Some members already have done so, and it has been a rewarding experience for them.

To enlarge upon this, we are networking with an organization called Scientists in Schools, which aims to assist in the teach-

ing of science in schools. More about this organization can be found at [www.scientistsinschools.edu.au](http://www.scientistsinschools.edu.au)



If you are prepared to give it a try, why not register with Scientists in Schools, and you will be connected with a high school near where you

live.

Alternatively, you might wish to approach your own local school, perhaps one where your children attend, and discuss what you are offering with the science teacher or the principal.

A power point presentation can be provided to assist you with your liaison. Please contact the manager at the email below if you wish to receive this presentation, and if you are registering with Scientists in Schools.

You can advertise stem cell related jobs on the Network website. Please email details of the position offered to [stemcellinfo@stemcellnetwork.org.au](mailto:stemcellinfo@stemcellnetwork.org.au)

**Events for the Diary:**

**Event Date:** 31st Aug 11  
15th NSW Stem Cell Workshop  
SYDNEY  
[www.stemcellnetwork.org.au](http://www.stemcellnetwork.org.au)

**Event Date:** 14<sup>th</sup>-16<sup>th</sup> July 11  
2<sup>nd</sup> International Nanomedicine  
Conference  
SYDNEY  
[www.oznanomed.org](http://www.oznanomed.org)

**Event Date:** 26<sup>th</sup>-27<sup>th</sup> Sept 11  
hESCs Training Workshop  
SYDNEY  
[www.stemcell.com](http://www.stemcell.com)

**Event Date:** 30<sup>th</sup> Oct-2<sup>nd</sup> Nov 11  
HSANZ, ANZSBT and ASTH An-  
nual Scientific Meeting held  
jointly with ISHAPD, APBMT and  
ISCTA.  
<http://www.haa-ap2011.org/>

## 2<sup>nd</sup> International Nanomedicine Conference

The Australian Centre for NanoMedicine (ACN) is the hub of all nanomedicine research in Australia and through a commitment to research, education, knowledge transfer and commercialisation, ACN is dedicated to the prevention, diagnostics and curing of diseases.

The ACN will be holding the 2<sup>nd</sup> International NanoMedicine Con-

ference at Coogee Beach, in Sydney from 14th to 16th July. The Conference, which spans over three days has noted international speakers from around the world.

Session themes include: *Translational Nanomedicine, Clinical Nanomedicine, Delivery, Sensing/Diagnostics, Imaging, Regenerative Medicine, and Nano Safety*

The NSW Stem Cell Network will be promoting itself and assisting the ACN during the session *Nanotechnology and Regenerative Medicine*, which is scheduled for Thursday 14 July.

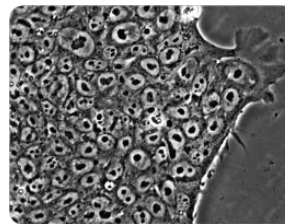
Registrations for the Conference are open. You can register online at [www.oznanomed.org](http://www.oznanomed.org) or contact ACN at +61 2 9385 4333

## Training Course in Growing Human Embryonic Stem

This is the second training course, being held on 26<sup>th</sup>-27<sup>th</sup> Sept, is to be conducted by Dr Michael O'Connor from the Dept Regenerative Medicine at the University of Western Sydney.

The course, sponsored by STEMCELL Technologies Inc, is designed to provide hands-on experience working with human induced pluripotent and human embryonic stem cells using the latest tech-

niques developed in the field.



In this 2-day workshop, participants will learn both the theory and practice of culturing these challenging cells using feeder-independent systems, to-

gether with an introduction to differentiation methods including large-scale embryoid body formation.

The workshop is currently open for registrations. Please email your interest to [hpscworkshop@uws.edu.au](mailto:hpscworkshop@uws.edu.au) or call +61 2 4620 3902 for more information.

## Introduction: New Manager

The Network welcomes its new manager, Ms Sarah Mustafa.

Sarah is an international student currently pursuing her bachelors in Accounting and Finance at

University of New South Wales.

She comes from a strong background in management and her academic knowledge includes graphic design and computer sci-

ence. Previous work experience includes tutoring, sales and administration assistance.

The Network wishes Sarah all the best in her new position.