



The Hub

What's on this month

September 2017

Event Calendar

Get involved! The below events are open to all Hub partners. [Click here](#) to find out more info and see what other events are coming up throughout the Hub!

Mon	Tue	Wed	Thurs	Fri	Sat	Sun
				01 12:30 - 1:30pm CMRI Seminar - Hedgehog Signalling in Cancer: 15 Years Since Cyclopamine (CMRI Seminar Room)	02	03
04	12 - 1pm The Westmead Infectious Diseases and Immunology Seminar Series (WIMR Seminar Room)	05 9 - 12:30pm Seeing is Believing - Histology, Cell Imaging and Electron Microscopy Symposium (WIMR conference room) 4 - 5pm Flow Cytometry User Group meeting (WIMR Seminar Room)	06 12 - 1pm WIMR Seminar Series - Cancer (WIMR Seminar Room)	07 12:30 - 1:30pm CMRI Seminar - Machine Learning Improves Prediction of Carcinogenicity (CMRI Seminar Room)	08	09
11	12	13 9:30 - 10:30am The University of Sydney Westmead Forum, September 2017 (Cabaret L1.02, Level 1 Westmead Education & Conference Centre (WECC), Westmead Hospital) please register online	14 1 - 2pm KRI seminar series (Doreen Dew Lecture Theatre, Level 4 Education Centre, CHW) 12:30-1:30pm WSLHD Thematic Research Seminar: Training T Cells - Manipulating T cells in bone marrow transplant (WECC Lecture Theatre 3)	15 12:30 - 1:30pm CMRI Seminar - Stemming retinal degeneration: the development of stem cell therapy for retinal disorders (CMRI Seminar Room)	16	17
18	12pm - 1pm The Westmead Infectious Diseases and Immunology Seminar Series (WIMR Seminar Room) 3pm - 4pm Westmead Imaging Community (CMRI Seminar Room)	19 12:30 - 1:30pm CMRI Seminar: Mitochondrial Medicine and Biology (CMRI Seminar Room)	20 12pm - 1pm WIMR Seminar Series - Genome Integrity Group (WIMR Seminar Room) 10 - 2pm StResS - Shut Up and Write (location TBC)	21 12:30 - 1:30pm CMRI Seminar: Hypermutation of antibody genes and of viral genomes: two sides of the same anti-viral pill (CMRI Seminar Room)	22	23
25	26	27 11- 12pm NCIRS Seminar - Addressing vaccine hesitancy and refusal (CMRI Seminar Room)	28	29 12:30 - 1:30pm CMRI Seminar: Topic TBC (CMRI Seminar Room)		

Hub Wide Pitch Sessions

The Westmead Research Hub Grants

Review Scheme will take place again this year, with grant pitch presentation sessions scheduled for 19th October (9.30 – 11.30 am & 1.30 - 5 pm) and November 30th November (9.30am -12am and 1-4 pm) in the WIMR level 2 seminar room.

To indicate your expression of interest to participate please email the following people:

WIMR researchers: Julie Djordjevic
(julianne.djordjevic@sydney.edu.edu.au)

Children's Hospital Westmead/KRI researchers: Gillian Scott
(gillian.scott1@health.nsw.gov.au)

Westmead Hospital researchers: Professor Jenny Gunton (ea.dom@sydney.edu.au).

New Westmead Education and Conference Centre Open

After more than a year of planning, construction and commissioning, level 1 of the Westmead Education and Conference Centre (WECC) is now open!

It is available to use by all students and staff undertaking education, teaching and research activities.

Level 1 of the WECC has been renovated to provide sophisticated, creative spaces that inspire flexible learning and teaching activities. State-of-the-art technology in architecturally designed rooms foster active learning and collaboration

The WECC level 1 project is the first major upgrade of shared education, training and research spaces for [Westmead Hospital](#). The design of the space has been influenced by consultation with current and future staff and students, and experience from leading education facilities around the world.

[Click here to read the full story...](#)



Art in Science Imaging Competition

The 'Art in Science' competition is a scientific imaging event that aims to engage researchers (and others) across the Westmead Research Hub (WRH) and celebrate the creative side of science. The winners in each category of the WRH Art in Science will win \$200 cash and a pair of Bose headphones.

THE COMPETITION CATEGORIES ARE:

- **Olympus Digital imaging** (still images i.e. microscopy images)
- **Data visualisation** (graphs, charts, tables, infographics etc)
- **Zeiss Science life** (fun in the lab, the Westmead landscape etc)
- **Viewer's Choice**

[Click here to read find out more...](#)

CMRI's Matloob Khushi develops bioinformatics tool to help detect cancer more quickly

The bioinformatics tool, MatCol, was devised by Matloob Khushi, a postdoctoral researcher at the Children's Medical Research Institute.

Scientists can already manually study dyed proteins under a microscope to see whether the proteins overlap or are in proximity to cancer marker proteins. But Dr Khushi's software will allow this to be done automatically, meaning more people can be screened more quickly.

"Single image analysis takes up many hours and scientists are required to study a large cohort of images," Dr Khushi said. "MatCol automates this quantification task and can quantify hundreds of images automatically within a few minutes."

Dr Khushi has made MatCol software freely available to all hub users! [Click here to access MatCol](#).

[Click here to read the full story...](#)

Visiting Professor Scheme a Hit!

The Westmead Research Hubs' very first Visiting Professor arrived in Sydney at the end of August and stayed for a week and a half of great collaboration, meetings with expert Hub scientists in the field of dendritic cells and other similar disciplines.

Professor Angus Thomson (pictured below) of the University of Pittsburgh gave several seminars and an excellent Breakfast Mentoring session for the Westmead Students (StResS) and Early Career Researchers.

The Hub will hold another Young researcher Mentoring Breakfast at the end of the year.



The University of Sydney Westmead Forum, September 2017

This is an opportunity to meet the Vice-chancellor's team for Westmead and hear updates and news about the University's strategic initiatives at the Westmead precinct. Everyone is strongly encouraged to come along, ask questions and share your views.

Our September Forum will feature updates from the University of Sydney's Academic Director for Westmead, Professor David Cook, along with the Chief Operating Officer for Westmead, Kate O'Sullivan.

All University of Sydney staff, affiliates, students, and guests across the Westmead Precinct are invited to attend.

Please [register online](#) if you plan to attend.

For more information on the Westmead Research Hub, visit westmead.org.au