

Monthly newsletter



June 2013

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Notices and news

Welcome our new HOF (Head of Facilities)

We extend a warm welcome to our new Head of Facilities, Dr Tony James. Tony brings a wealth of experience to our institution in the management of research facilities and will provide oversight and strategic planning for both the Central Animal Facility and Fauna Park.

Pup numbers of the Australian sea lion (*Neophoca cinerea*) at The Pages Islands, South Australia, over two decades

Shaughnessy PD et al (2013). Pup numbers of the Australian sea lion (*Neophoca cinerea*) at The Pages Islands, South Australia, over two decades. *Australian Journal of Zoology*.

<http://dx.doi.org/10.1071/ZO13015>

A Guide to the Behaviour & Enrichment of Laboratory Rodents is now available from Charles River

This is a resource for those looking to implement or enhance an existing behavioural husbandry and enrichment program.

http://www.criver.com/en-US/NewsEvents/WhatsNew/Pages/Guide_Behavior_Enrichment_Laboratory_Rodents.aspx

New JoVE Videos of Interest

This month, we provide a video outlining ex-ovo (out of egg) incubation of chicken embryo's to facilitate greater access to the chorio-allantoic membrane for tumour studies. This is a great example of **refinement** of a technique (in-ovo). Even more impressive is that utilising the CAM of embryos for tumour studies is a **replacement** initiative with respect to tumour induction in rodents. We are now effectively refining our replacement techniques!

<http://www.jove.com/video/1620/chick-ex-ovo-culture-and-ex-ovo-cam-assay-how-it-really-works>

Kangaroo gene mapping and sequencing: insights into mammalian genome evolution

Graves, JAM (2013). Kangaroo gene mapping and sequencing: insights into mammalian genome evolution. *Australian Journal of Zoology*

<http://dx.doi.org/10.1071/ZO13002>

Tips and Hints for your applications

For doses of injectable substances - state the dose rates to be used in mg/kg and provide a justification and reference for the chosen dose rate. The concentration of the solution (mg/ml) should also be included to ensure volumes of injections are not excessive. The gauge of needle should also be indicated.

Important AEC Forms Changes

The Phenotype Report has been ratified for use and is now available on our website. The document is designed to provide the AEC with oversight of the use of GMO's and for consideration of potential welfare issues in the use of any animal with altered phenotype. The AEC would like to take the opportunity to thank the researchers who provided input for the development of this form.

Training opportunities this month

Please contact the AWO for any training requirements.

New Researcher training will now be incorporated into the CAF Induction process. The format of this training is currently being fine-tuned but will be presented in a collaborative fashion between CAF Manager / Animal Technicians and the AWO.

This month we include a JoVe video on the basics of aseptic surgery.

<http://www.jove.com/video/2586/principles-of-rodent-surgery-for-the-new-surgeon>

Animal Ethics Calendar

Next Application submission deadline date 2013

Monday 24 June 2013

Next Animal Ethics Committee Meeting date 2013

Thursday 18 July 2013

"Working with Research Animals Workshop" in 2013

19 July 2013*

* Please note this date has had to be brought forward from the previously advertised date.

Contributions

If you would like to contribute to the Animal Ethics monthly newsletter, kindly email that content for the next month's newsletter.

Should you have any queries regarding your research, please do not hesitate to contact me:

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Alternatively, for more information about AEC policies, procedures, forms and ethical clearance requirements, please go to our webpage at http://www.research.mq.edu.au/for/researchers/how_to_obtain_ethics_approval/animal_ethics