

THE COMPASS

A BULLETIN BY THE RESEARCH INTEGRITY AND ETHICS OFFICE

NTU IACUC-Policy

NTU-IACUC's policy on the **Care and Use of Live Vertebrate Animals in Research and Teaching** has been approved by the President's Council as of **5 Nov 2018** and is now available on NTU's Policy Portal [[+Read more](#)]. This policy applies to all individuals, directly or indirectly engaged in any research, research-training, teaching or research-related collaborative work, involving animals at or for NTU.



As outlined in the policy, NTU-IACUC approval must be obtained prior to commencing work on animals regardless of where work is to be done. Such work and the accompanying review types are listed as follow:

- Full committee review:** When work is done at NTU ARF and locations not covered by an animal ethics review committee.
- Administrative review:** When work is done at external AAALAC-accredited facility. Approval letter and protocol approved at external facility must be provided.
- Review by chairperson / full committee review:** When work is done at external non-AAALAC accredited facilities.

For (b) and (c), the external facility's approval letter and approved protocol must be submitted together with the AUP application.

For queries regarding this policy, please contact iacuc@ntu.edu.sg.

Update of Animal Records on ARFMS

Research Staff and PIs are reminded to exit all used animal numbers for 2018 by **31st Dec 2018**. From 2019, all used animal numbers will be reported to AVA through ARFMS so animal users must maintain updated records so as to ensure accurate reporting.

For queries, please contact iacuc@ntu.edu.sg.



Image Integrity Workshop

In a letter published in FEBS Letters in July 2018, writer Jana Christopher describes a case where questionable methods were employed by authors in an attempt to have their manuscripts accepted by journals. The article titled **"Systematic fabrication of scientific images revealed"** outlines the increase in such submissions where image manipulation has become increasingly tricky to identify and emphasises the need for pre-publication image data screening by journals [[+Read more](#)].

Given the changing landscape of imagery manipulation, an Image Integrity workshop was held from **23 – 25 Oct 2018** for post-doc research fellows, research officers, and PhD students who use or intend to use imagery in publications. Co-organised by NTU, A*STAR and NUS, the workshop featured speakers Jana Christopher and Dr Holger Lorenz who covered topics such as Do's and Don'ts of image manipulations, and demonstrated how scientific integrity can be maintained whilst avoiding inappropriate image editing techniques.

For access to workshop slides, participants can contact rieo@ntu.edu.sg.

23 & 25 OCTOBER WORKSHOP ON IMAGE INTEGRITY- BEST PRACTICE IN PREPARING IMAGERY FOR PUBLICATION

This workshop is designed to provide the research fellows, research officers, and PhD students who are in a position to use images in their publications (articles, posters, books, etc.) with the best practice of image preparation, and to ensure that the images submitted are of high quality and meet the requirements of journals. The workshop will cover the following topics:

- The importance of image integrity in scientific publications
- Common image manipulation techniques and how to identify them
- Best practices for image preparation and submission
- The role of image integrity in research integrity

The workshop will be held on 23 and 25 October 2018, from 9:00 AM to 5:00 PM. The workshop is free of charge and open to all research fellows, research officers, and PhD students who are in a position to use images in their publications. The workshop will be held in the Lecture Theatre 1, Nanyang Technological University, Singapore.



Deadlines:	NTU-IACUC: Next due date for new AUP submissions is 2 Jan 2019 . [+Read more]. NTU-IRB: New submissions are due on Mondays of every week. [+Read more].
Email Us:	NTU-IRB NTU-IACUC RIO NTU Research Integrity Officer
Web Links:	NTU-IRB NTU-IACUC Research Integrity ARFMS