

**Our Ref:** RA/3/100/1526

06 July 2017

Professor Ming Zheng  
Medical School  
MBDP: M508

Dear Professor Zheng

**ANIMAL ETHICS RESEARCH APPLICATION - APPROVED**

***Investigating the role of SPARC and mechanical loading in tendon development and function***

On behalf of the Animal Ethics Committee (AEC), I am pleased to inform you that your application for the above research project has been approved.

**Approval Number:** RA/3/100/1526

**Approval Period:** 06 July 2017 - 31 December 2019

**Permission to use animals (PUA)** - The Animal Welfare Act 2002 (WA) requires UWA to apply for a licence to use animals for scientific purposes and as part of this licence, to provide an assurance that ALL personnel named on animal projects are appropriately qualified and aware of their responsibilities under the Act. UWA achieves this assurance by asking personnel to apply for 'Permission to Use Animals' (PUA), renewable every five years, to ensure their suitability for working with animals in research or teaching. PUA applications are available from the website at <http://www.research.uwa.edu.au/staff/forms/animals>

Personnel named on the protocol are required to renew their PUA prior to the Expiry date indicated below.

<b>Personnel:</b>	<u>PUA Expiry</u>
Professor Ming Zheng	11-04-2022
Mr Tao Wang	26-10-2020
Associate Professor Christine Robayna	02-06-2022

Species Name	Approved
Rodent - Mouse { <i>Mus musculus</i> } {01} - C57BL/6J	161

The approval of this project is conditional upon you adhering to the conditions outlined in this letter and your continuing compliance with the Animal Welfare Act (2002) and the *Australian code for the care and use of animals for scientific purposes* (8th edition 2013).

If you have any concerns regarding animal wellbeing or welfare, one of following must be notified immediately:

Animal Welfare Officer - [awo@uwa.edu.au](mailto:awo@uwa.edu.au); T: (08) 6488 7882 M: 042 802 1529

**Special Conditions that Apply to this Protocol**

None

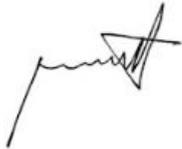
## **Conditions of Approval Applicable to All Projects**

- Any changes to the protocol must be submitted on an Amendment form and approved, in writing, before proceeding with changes. This includes any changes to: personnel, source of animals, animal numbers, location of animals and experimental procedures. The Amendment forms are available on the Animals and Research website at <http://www.research.uwa.edu.au/staff/forms/animals>.
- All cages/ pens/tanks/paddocks used for holding animals must have a clearly labelled 'cage card', identifying the Chief Investigator, AEC approval number, title of project, end date of the holding period.
- Monitoring sheets and a copy of this approval letter must be kept in the facility where the animals are housed. Monitoring sheets are to be kept with the animals being monitored.
- Date of each experimental procedure must be documented on either the cage cards, or the monitoring sheets or both.
- All unexpected deaths or unplanned euthanasia must be reported immediately to the Animal Welfare Officer. This also refers to all animals in field research projects and wildlife projects. Completion of a 'Notification of Unexpected Death or Unplanned Euthanasia' form is required. See <http://www.research.uwa.edu.au/staff/forms/animals>.
- It is a requirement of the Australian Code that when an animal dies unexpectedly, or is euthanased due to unforeseen complications, an autopsy should be performed by a person with appropriate qualifications and/or experience.
- All personnel working with animals must be named on the protocol and have a valid Permission to Use Animals (PUA).
- Investigators must maintain records of the care and use of animals, and must provide to the AEC an Annual Report and State Government Annual Animal Use Report for an approved project, regardless of the duration of AEC approval for the project (see Australian Code clauses 2.4.32 and 2.4.34). Reports are due in January each year.

The AEC would like to remind investigators that while Animal Care Services staff endeavour to assist researchers with the daily care of animals and play a major role alerting investigators should an emergency arises, the ultimate responsibility for animal welfare, observance of holding periods and accurate monitoring and record keeping lies with the research team.

Please contact the Animal Ethics office if you have not received a copy of the approved protocol, or you require further information or clarification.

Yours sincerely



Professor Hugh Barrett  
Chair, Animal Ethics Committee