

15th October 2019

Bahagian Penyelidikan & Inovasi (R&I)
Kampus Kesihatan,
Universiti Sains Malaysia
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Dr. Tuan Salwani Tuan Ismail
Department of Chemical Pathology
School of Medical Sciences
Universiti Sains Malaysia
16150 Kubang Kerian
Kelantan

Dear Dr.,

Animal Ethics Approval

Project title (1020): Understanding and Elucidating the Cellular Mechanism of Oral and Topical Administration of Stingless Bee Honey (SBH) in Promoting Wound Healing in Streptozotocin-induced Diabetic Rat Wound Models

The USM Institutional Animal Care and Use Committee (USM IACUC) has approved the above research project.

No. of Animal Ethics Approval: USM/IACUC/2019/(120)(1020)

Title : Understanding and Elucidating the Cellular Mechanism of Oral and Topical Administration of Stingless Bee Honey (SBH) in Promoting Wound Healing in Streptozotocin-induced Diabetic Rat Wound Models

Source of Animals : Animal Research and Service Centre (ARASC), USM Health Campus

Location of Animals : Animal Research and Service Centre (ARASC), USM Health Campus

Duration : 01st November 2019 – 31st October 2022

Number of Samples : 101 Sprague-Dawley Rats (Male)

Name of Principal Investigator : Dr. Tuan Salwani Tuan Ismail

Name of Co-Investigator : Dr. Wan Amir Nizam Wan Ahmad
: Prof. Dr. Kuttulebbai Nainamohamed Salam Sirajudeen
: Dr. Wan Faiziah binti Wan Abdul Rahman
: Dr. Tengku Ahmad Damitri Al Astani
: Anis Farhan Ismail

(Please notify USM IACUC if there are additional staff/students who will be involved in animal handling for this project)



The following items (X) were received and reviewed in connection with the above study to be conducted by the investigator.

(X) Copy of Proposal	(Date : 10 th September 2019)
(X) Animal Ethics Committee Approval Application Form	(Date : 10 th September 2019)
(X) Reviewer's Comment Form	(Date : 11 th October 2019)
(X) Reply for Clarification Letter	(Date : 14 th October 2019)

Members of the Animal Ethics Committee USM who reviewed the documents as follows:

Member (Title and Name)		Occupation (Designation)
Chairperson: Prof. Dr. Aida Hanum Ghulam Rasool		Lecturer, School of Medical Sciences (Pharmacology)
Secretary: Siti Nurshazwani Muhamad Sayuti		Secretary
Members:		
1	Prof. Dato' Dr. Jafri Malin Abdullah	Lecturer, School of Medical Sciences (Surgery/Behaviour Study)
2	Prof. Madya Dr. Badrul Hisham Yahaya	Director, Animal Research and Service Centre, ARASC (Human Genetic Studies)
3	Prof. Madya Dr. Mahaneem Mohamed	Lecturer, School of Medical Sciences (Physiology)
4	Prof. Madya Dr. Zurina binti Hassan	Lecturer, Centre for Drug Research (Neurobehaviour & Electrophysiology)
5	Dr. Saidi Jaafar	Lecturer, School of Dental Sciences (Developmental Biology/Knock-out & Transgenic)
6	Dr. Basaruddin Ahmad	Lecturer, School of Dental Sciences (Medical Statistics/Dental Public Health)
7	Dr. Nor Aini Saidin	Lecturer, Advanced Medical & Dental Institute (Toxicology)
8	Dr. Nor Azlina Khalil	Veterinary Officer, Seksyen Penyelidikan Haiwan, AMDI
9	Dr. Noziah Ghani	Veterinary Officer, ARASC
10	Puan Hajah Seri Dewi Mohd. Ibrahim	Layperson

Thank you.

Yours sincerely,

PROF. DR. AIDA HANUM GHULAM RASOOL
Chairperson
USM Institutional Animal Care and Use Committee (USM IACUC)