

LAPORAN AKHIR SHORT TERM USM



Tajuk geran: The effect of early postnatal exposure to pyrethroid (deltamethrin) and pyrethroid-based mosquito repellent on the cerebellum of rats

Penyelidik: Dr Mohd Asnizam Asari
Dr Zul Izhar Mohd Ismail
Prof Madya Dr Othman Mansor

No geran: 304/PPSP/6131461

LAPORAN AKHIR PROJEK PENYELIDIKAN JANGKA PENDEK
FINAL REPORT OF SHORT TERM RESEARCH PROJECT

Sila kemukakan laporan akhir ini melalui Jawatankuasa Penyelidikan di Pusat Pengajian dan Dekan/Pengarah/Ketua Jabatan kepada Pejabat Pelantar Penyelidikan

1. Nama Ketua Penyelidik: Dr Mohd Asnizam Asari <i>Name of Research Leader</i>					
☐ Profesor Madya/ Assoc. Prof.		☒ Dr./ Dr.		☐ Encik/Puan/Cik Mr/Mrs/Ms	
2. Pusat Tanggungjawab (PTJ): Jabatan Anatomi, Pusat Pengajian Sains Perubatan <i>School/Department</i>					
3. Nama Penyelidik Bersama: Dr Zul Izhar Mohd Ismail <i>Name of Co-Researcher</i> Prof. Madya Dr Othman Mansor					
4. Tajuk Projek: <i>Title of Project</i> <u>The Effects Of Early Postnatal Exposure To Pyrethroid (Deltamethrin) And Pyrethroid-Based Mosquito Repellent On The Cerebellum Of Rats</u>					
5. Ringkasan Penilaian/Summary of Assessment:					
		Tidak Mencukupi Inadequate		Boleh Diterima Acceptable	
		1	2	3	4 5
i) Pencapaian objektif projek: <i>Achievement of project objectives</i>		☐	☐	☒	☐ ☐
ii) Kualiti output: <i>Quality of outputs</i>		☐	☐	☒	☐ ☐
iii) Kualiti impak: <i>Quality of impacts</i>		☐	☐	☒	☐ ☐
iv) Pemindahan teknologi/potensi pengkomersialan: <i>Technology transfer/commercialization potential</i>		☐	☒	☐	☐ ☐
v) Kualiti dan usahasama : <i>Quality and intensity of collaboration</i>		☐	☐	☒	☐ ☐
vi) Penilaian kepentingan secara keseluruhan: <i>Overall assessment of benefits</i>		☐	☐	☒	☐ ☐

6. Abstrak Penyelidikan

(Perlu disediakan di antara 100 - 200 perkataan di dalam Bahasa Malaysia dan juga Bahasa Inggeris. Abstrak ini akan dimuatkan dalam Laporan Tahunan Bahagian Penyelidikan & Inovasi sebagai satu cara untuk menyampaikan dapatan projek tuan/puan kepada pihak Universiti & masyarakat luar).

Abstract of Research

(An abstract of between 100 and 200 words must be prepared in Bahasa Malaysia and in English).

This abstract will be included in the Annual Report of the Research and Innovation Section at a later date as a means of presenting the project findings of the researcher/s to the University and the community at large)

Sila lihat lampiran A

7. Sila sediakan laporan teknikal lengkap yang menerangkan keseluruhan projek ini.

[Sila gunakan kertas berasingan]

Applicant are required to prepare a Comprehensive Technical Report explaining the project.

(This report must be appended separately)

Sila lihat lampiran B

Senaraikan kata kunci yang mencerminkan penyelidikan anda:

List the key words that reflects your research:

Bahasa Malaysia

Bahasa Inggeris

Deltamethrin

Deltamethrin

Neonat

Neonate

Serebelum

Cerebellum

8. Output dan Faedah Projek

Output and Benefits of Project

(a) * Penerbitan Jurnal

Publication of Journals

(Sila nyatakan jenis, tajuk, pengarang/editor, tahun terbitan dan di mana telah diterbitkan/diserahkan)

(State type, title, author/editor, publication year and where it has been published/submitted)

1. Effect of early neonatal exposure to deltamethrin on the Purkinje cell number in rat

cerebellum. Mohd Asnizam Asari, Mohamad Shukri Abdullah, Suryati Abdullah.

Malaysian Journal Of Medical Sciences. Vol 15, No 1 (July) 2008, pg 14-21.

2. Histomorphometric Studies On The Effect Of Deltamethrin Exposure On Developing

Cerebellar Cortex Of Rat. Mohd Asnizam Asari, Mohammad Shukri Abdullah, Suryati

Abdullah, Zul Izhar Mohd Ismail. Submitted to Journal Of Veterinary Science for

publication. Currently undergoing reviewing process.