

CURRICULUM VITAE



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Department of Human Anatomy
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Education

1. Doctor of Philosophy in Pharmacology and Toxicology, Universiti Putra Malaysia. 2018
2. Master of Science (Pharmacy), University of South Australia, Australia. 2013
3. Bachelor of Health Science (Hons) in Pharmacology, University of Adelaide, Australia. 2007
4. Bachelor of Science (Biochemistry & Pharmacology), University of Adelaide, Australia. 2006

Areas of Interest

1. Oral drug delivery systems
2. Nano drug carrier systems
3. Oral bioavailability and Pharmacokinetics
4. Wound and fractured bone healing
5. Neuropharmacology

Professional Qualification/ Membership/ Affiliation

1. Malaysian Society of Pharmacology and Physiology, Member (2020-present)
2. Persatuan Pegawai Akademik UPM, Member (2019-present)
3. Australasian Pharmaceutical Science Association, Member (APSA) (2011)
4. Australasian Society of Clinical and Experimental Pharmacologist and Toxicologists, Member (2007)

Appointments (Inside and Outside UPM)

Date	Designation	Remarks
1. July 2008- September 2018	Tutor at Department of Human Anatomy	
2. 13 September 2018-present	Senior Lecturer at Department of Human Anatomy	

Appointments (Inside and Outside UPM)

Date	Designation	Remarks
1. 2019-2020	MDR3004 General & Biochemical Pharmacology module coordinator	
2. 2020-present	Preclinical Question Bank Coordinator	
3. 2020-2021	Editor of the Malaysian Journal of Microscopy Vol. 17, No.1, Year 2021.	

Publications

Journals (in 5 years)

- Norsyifa Harun, Illa Syafiqah Johari, Rima Atria Japarin, Siti Najmi Syuhadaa Bakar, Noorul Hamizah Mat, Zurina Hassan, **Haniza Hassan**. Naloxone-precipitated mitragynine withdrawal did not associate with increased anxiety-like behaviour in rats. *Malaysian Journal of Biochemistry & Molecular Biology*, 2021, 1, 100-107.
- Anis Syauqina Mohd Zaffarin, Shioh-Fern Ng, Min Hwei Ng, **Haniza Hassan**, Ekram Alias. Pharmacology and Pharmacokinetics of Vitamin E: Nanoformulations to Enhance Bioavailability. *International Journal of Nanomedicine*, Dec 2020, Volume 15:9961-9974.
- **Haniza Hassan**, Ramatu Omenesa Bello, Siti Khadijah Adam, Ekram Alias, Meor Mohd Redzuan Meor Mohd Affandi, Ahmad fuad Shamsuddin, Rusliza Basir. Acyclovir-loaded solid lipid nanoparticles: Optimization, characterization and evaluation of its pharmacokinetic profile. *Nanomaterials*. Sept 2020, Vol 10, 1785.
- Voon Kin Chin, Yaw Kuang Chuah, Tze Yan Lee, Norshariza Nordin, Zaid Osamah Ibraheem, Zainul Amiruddin Zakaria, **Haniza Hassan**, Rusliza Basir. RAGE modulatory effects on cytokines network and histopathological conditions in malarial mice. *Experimental Parasitology*, Sept 2020, vol 216, 107946.
<https://doi.org/10.1016/j.exppara.2020.107946>
- Chung Pin Lim, Mun Fei Yam, Mohd. Zaini Asmawi, Voon Kin Chin, Nurul Hayah Khairuddin, Yoke Keong Yong, **Haniza Hassan** and Rusliza Basir. Cytostatic and Antiproliferative Activities of F5 Fraction of *Crinum amabile* Leaf Chloroform Extract Showed Its Potential as Cancer Chemotherapeutic Agent. *Evidence-Based Complimentary and Alternative Medicine*, 2019, 13 pages. doi:10.1155/2019/7521504
- Voon Kin Chin, Wing Chui Chong, Norshariza Nordin, Tze Yan Lee, Zakaria Zainul Amiruddin, Haniza Hassan, Rusliza Basir. Comparative study between severe and survival model of malaria provides a better understanding on the pathogenesis of the infection. *Journal of Health and Translational Medicine*, 2019, 22(2).
- **Haniza Hassan**, Siti Khadijah Adam, Fauziah Othman, Ahmad fuad Shamsuddin, Rusliza Basir. Antiviral Nanodelivery System: Current Trends in Acyclovir Administration. *Journal of Nanomaterials*, 2016, 8 pages. doi:10.1155/2016/4591634.
- Marzieh Jabbarzare, Voon Kin Chin, Herni Talib, Mun Fei Yam, Siti Khadijah Adam, **Haniza Hassan**, Roslaini Abdul Majid, Che Norma Mat Taib, Mohamad Aris Mohd Moklas, Mohamad Taufik Hidayat, Hasidah Mohd Sidek, Rusliza Basir. Interleukin-18 Antagonism Improved Histopathological Conditions of Malaria Infection in Mice. *Iranian Journal of Parasitology*, 2015 Jul-Sep; 10(3): 389-401.

Conference Proceedings (in 5 years)

Haniza Hassan, Ahmad Fuad Shamsuddin, Ekram Alias, Meor Mohd Redzuan Meor Mohd Affandi, Siti Khadijah Adam, Rusliza Basir. Oral Bioavailability Enhancement of Acyclovir from Solid Lipid Nanoparticles Drug Delivery System. *Malaysian Journal of Medicine and Health Sciences* Vol. 15 Supp 7, Nov 2019. 3rd prize winner for oral presentation at the 1st International Conference Brawijaya Dentistry (ICBD) 22-23 Nov 2019, Malang, Indonesia.



Haniza Hassan, Siti Khadijah Adam, Fauziah Othman, Aishah Saad Abdul Rahim, Ahmad Fuad Shamsuddin, Rusliza Basir. Optimization of Solid Lipid Nanoparticles Formulation for Oral Delivery of Acyclovir. Oral presentation at the 30th Scientific Meeting of Malaysian Society of Pharmacology and Physiology (MSPP). 15-16 August 2016, Putrajaya, Malaysia.

Books (If any)

Chapter in Books (If any)

Research Grants

Received 2020

- 1.
- 2.

On-going

Research Grants

No.	Project Title	Amount (RM)	Year	Source of Fund
1.	Nano-hydroxyapatite encapsulating gamma-tocotrienol for improved bone tissue bioavailability and enhanced bone fracture healing in type-2 diabetes (co-researcher)	190,800.00	2019-2023	FRGS, MOHE

No.	Name of awards	Award Authority	Award Type	Year
1.	3 rd place oral presentation (non-student) at 1 st International Conference Brawijaya Dentistry	Universitas Brawijaya	International (Rp 1 000 0000)	2019
2.	Skim Latihan Akademik Bumiputera (SLAB)	Ministry of Higher Education Malaysia/UPM	Scholarship	2009-2011
3.	Adelaide Summer Research Scholarship	University of Adelaide	Scholarship	2006
4.	Skim Pelajar Cemerlang (SPC)	Majlis Amanah Rakyat (MARA)	Scholarship	2003-2007

Professional Services/ Consultation

No.	Year	Title	Authority
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- 1.
- 2.

Student Supervision
PhD (Main Supervisor)

No.	Name	Title	Status
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- 1.
- 2.
- 3.

Master with Thesis (Main Supervisor)

No.	Name	Title	Status
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- 1.
- 2.
- 3.

Master without Thesis (Main Supervisor)

No.	Name	Title	Status
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- 1.
- 2.
- 3.

Attended Seminars/ Workshops/ Forums both National and International

No.	Year	Title	Organizers
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| 1. | 2019 | Systematic Review and Writing Workshop 2019 | Department of Human Anatomy, Faculty of Medicine & Health Sciences |
| 2. | 2019 | 1 st International Conference Brawijaya Dentistry | Universitas Brawijaya, Indonesia |
| 3. | 2020 | ITMAT Symposium | Institute for Translational Medicine and Therapeutics, University of Pennsylvania |
| 4. | 2021 | Systematic Review and Writing Workshop Series | Department of Human Anatomy, Faculty of Medicine & Health Sciences |

Intellectuals Property
Patent Granted

No.	Date	Patent No.	Name
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- 1.
- 2.



Patent Field			
No.	Date	Patent No.	Name

- 1.
- 2.