

## CURRICULUM VITAE

First Name : Wan Rozianoor  
Last Name : Mohd. Hassan  
Nationality : Malaysian  
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Selangor, MALAYSIA.

### Education

2008 Master of Biotechnology University of Malaya, Kuala Lumpur  
2004 Bachelor of Science (Hons) Biochemistry University of Malaya, Kuala Lumpur

### Field

Cytokine-modulation, enzymology

### Expertise

Animal tissue culture, SDS-PAGE and western blotting techniques

### Teaching experience

2007-2009 International University College of Twintech  
2009-present Universiti Teknologi MARA

### Conferences/ Colloquium / Seminar

**Wan Rozianoor Mohd Hassan**, Malaysian Biochemistry and Molecular Biology Conference in Eastin Hotel Putrajaya. 2011. **Participant**.

**Wan Rozianoor Mohd Hassan**, Academic Conference in UiTM Shah Alam. 2013. **Participant**.

**Wan Rozianoor Mohd Hassan**, Amatul Hamizah Ali, Noor Embi and Hasidah Mohd Sidek. Ser9 Phosphorylation of Gsk3 $\beta$  Following Kaempferol Treatment Suppresses Parasite Development in *Plasmodium Berghei*-Infected Mice. 40<sup>th</sup> Annual Conference of the Malaysian

Society for Biochemistry and Molecular Biology. Putrajaya Marriot Hotel, IOI Resort City, Sepang. 10 – 11<sup>th</sup> June 2015. **Poster Presenter.**

**Wan Rozianoor Mohd Hassan.** Studies on the Involvement of GSK3 $\beta$  in the Immunomodulatory Effects of Selected Antimalarial Compounds of Plant Origin. Third Semestar Ph.D Student Colloquium. School of Biosciences and Biotechnology, Faculty of Science and Technology, UKM. 16<sup>th</sup> February 2016. **Oral Presenter.**

**Wan Rozianoor Mohd Hassan,** Noor Embi and Hasidah Mohd Sidek. The Prophylactic Effects of Kaempferol as An Anti-Malarial Involves Inhibition of Glycogen Synthase Kinase-3 $\beta$ . 52<sup>nd</sup> Annual Scientific Conference of The Malaysian Society of Parasitology and Tropical Medicine. Grand Seasons Hotel, Kuala Lumpur. 2<sup>nd</sup> – 3<sup>rd</sup> March, 2016. **Oral Presenter.**

**Wan Rozianoor Mohd Hassan,** Noor Embi and Hasidah Mohd Sidek. The Anti-inflammatory Effect of Andrographolide in Experimental Malaria Involves Inhibition of GSK3 $\beta$ . 41<sup>st</sup> Annual Conference of the Malaysian Society for Biochemistry and Molecular Biology. Pullman Kuala Lumpur, Bangsar Hotel, Bangsar. 17<sup>th</sup> – 18<sup>th</sup> August 2016. **Poster Presenter.**

**Wan Rozianoor Mohd Hassan.** Studies on the Involvement of GSK3 $\beta$  in the Immunomodulatory Effects of Selected Antimalarial Compounds of Plant Origin. Sixth Semestar Ph.D Student Seminar. School of Biosciences and Biotechnology, Faculty of Science and Technology, UKM. 12<sup>th</sup> May 2017. **Oral Presenter.**

**Wan Rozianoor Mohd Hassan.** Studies on the Involvement of GSK3 $\beta$  in the Immunomodulatory Effects of Selected Antimalarial Compounds of Plant Origin. The 17<sup>th</sup> Postgraduate Colloquium. Faculty of Science and Technology, UKM. 12-13 July 2017. **Oral Presenter.**

### Supervision

Name	MSc/PhD	Title	Status penyeliaan	Status (Completed/on-going)
Farah Amna bt. Othman	MSc.	Toxicological Testing Of Several Herb Extracts In Malaysia	Co-supervisor	Completed
Asysyuura Adytia bt Patar	MSc.	Effects Of Selected Organophosphorus On Activity And Gene Expression Of Acetylcholinesterase In Tilapia, <i>Oreochromis niloticus</i>	Co-supervisor	In progress

## Research Grant

- [1] **Principal investigator** - Effects Of Selected Organophosphorus On Activity and Gene Expression Of Acetylcholinesterase In Tilapia, *Oreochromis niloticus*. Research Intensive Faculty (RM32,000) Jun 2012-May 2014 (600-RMI/ST/DANA 5/3/RIF(65/2012))
- [2] **Principal investigator** - Effects of Selected Organophosphorus on Activity and Gene Expression of Butyrylcholinesterase In *Channa striata*. Research Acculturation Grants (RM80,000) September 2013-September 2015 (600-RMI/ RAGS5/3 (12/2013))

## Publications

- [1] M.H. Wan Rozianoor, M. Fatin Nadia and D. Dzulsuhaimi. (2014). *In Vivo* Evaluation of Hair Growth Potential of *Stachytarpheta jamaicensis* Ethanolic Extract on Sprague dawley Rats. Natural Products - An Indian Journal. 10(1)17-21.
- [2] M.H. Wan Rozianoor, Y. Nurol Eizzatie and S. Nurdiana. (2014). Hypoglycemic and Antioxidant Activity of *Stachytarpheta jamaicensis* Ethanolic Extract on Alloxan-induced Diabetic Sprague dawley Rats. Biotechnology-An Indian Journal. 9 (10) 423-428. (SCOPUS/CAS)
- [3] M.H. Wan Rozianoor, K. Nurul Nadia and S. Nurdiana. (2014). *Stachytarpheta jamaicensis* Ethanolic Extract as Wound Healer on Alloxan-induced Diabetic Sprague dawley Rats. Biotechnology-An Indian Journal 9 (11) 460-466. (SCOPUS/CAS)
- [4] Farah Amna Othman, Nooraain Hashim, Noriham Abdullah, Azizah Abdul Hamid, Mohamad Faiz Foong Abdullah, Zainon Mohd Noor, Normah Ismail, Wan Rozianoor Mohd Hassan and Nurul Husna Rosli (2014). Toxicity Evaluation of *A. bilimbi* L. Fruit Extract on Haematological and Histopathological Analysis in Animal Model. Int. J. Pharm. Sci. Rev. Res., 26(2), 39-43.
- [5] P. Asysyuura Adytia, A. Jessey, M.H. Wan Rozianoor, M. Y. Farida Zuraina, M.T. Nordiana Suhada. 2014. Toxicity Effects of Dimethoate and Chlorpyrifos on Esterase. International Colloquium on Science and Technology (ICOST 2014). (IEEE/ISI/SCOPUS)
- [6] Asysyuura Adytia P., Wan Rozianoor M.H., Nooraain H. and Farida Zuraina M.Y. (2015). Toxicity Effects of Malathion, Dichlorvos and Temephos on Acetylcholinesterase in Climbing Perch (*Anabas testudineus*). Advances in Environmental Biology. 9(21), 81-86.
- [7] Sok Kuan Wong, Michelle Lee Sue Jann, Suhaini Sudi, Wan Rozianoor Mohd Hassan, Lee Ping Chin, Noor Embi and Hasidah Mohd Sidek. Anti-malarial and anti-inflammatory effects of *Gynura procumbens* are mediated by kaempferol via inhibition of Glycogen Synthase Kinase-3 $\beta$  (GSK-3 $\beta$ ). Sains Malaysiana. 44(10)(2015): 1489-1500.
- [8] Ali, A.H., Sudi, S., Mohd Hassan, W.R., Embi, N. & Mohd Sidek, H. 2018. A derivative of Cinnamic Acid, methyl-4-hydroxycinnamate modulates Inflammatory Cytokine Levels in Malaria-infected Mice Through Inhibition of Glycogen Synthase Kinase-3 Beta (GSK3 $\beta$ ). Malaysian Association of Biochemistry and Molecular Biology Journal. (Accepted).

[9] **Mohd Hassan, W.R.**, Basir, R., Ali, A.H., Embi, N. & Hasidah, M.S. 2017. Cytokine-modulating Activity of Andrographolide in Malaria-Infected Mice Involved Inhibition of Glycogen Synthase Kinase-3 Beta (GSK3 $\beta$ ). (Manuscript under review).

### **Administrative Role**

- 1. Resource Person Kursus Biochemistry (BIO462) Biology Programme, FSG, UiTM.**
- 2. Ahli Panel Penilai (APP) MQA wakil UiTM (Biotechnology and Biochemistry) 2018-2021.**
- 3. Internal Auditor FSG, 2018-2020.**

### **Expertise**

- i) Ahli Panel Penilai Agensi Kelayakan Malaysia (MQA) 2018-2021, Biotechnology and Biochemistry**

**Evaluated Bachelor of Biotechnology (Honours) Taylor's University, Subang Jaya**

**Evaluated Diploma in Applied Science Manipal International University, Malaysia**