



## **CURRICULUM VITAE OF MOHD AZURAIIDI BIN OSMAN**

Department of Cell & Molecular Biology,  
Faculty of Biotechnology & Biomolecular Sciences,  
Universiti Putra Malaysia, 43400 UPM-Serdang,  
Selangor, Malaysia.

Tel #: +6016-6085635

e-mail: [azuraiddi@upm.edu.my](mailto:azuraiddi@upm.edu.my)

### **I. Educational Background:**

#### **1. Bachelor of Science in Major Biology**

Department of Biology, Faculty of Science,  
Universiti Putra Malaysia,  
43400 UPM-Serdang Selangor, Malaysia.

Project title: **Comparative study on the in vitro antibacterial efficacy of different solvent extracts of *Strobilanthes crispus* against *Cellulosimicrobium cellulans*.**

Awarded: October 2008 (CGPA 3.638)

#### **2. Masters of Science in Molecular Biotechnology**

Laboratory of Marine Science and Aquaculture,  
Institute of Bioscience, Universiti Putra Malaysia,  
43400 UPM-Serdang Selangor, Malaysia.

Project title: **Ehippia production and genetic variation in tropical cladoceran *Moina micrura*.**

Awarded: November 2012 (CGPA 4.000)

#### **3. Ph.D. in Developmental Biology**

Department of Musculoskeletal Biology II,  
Institute of Aging and Chronic Disease, University of Liverpool, U.K.

My Ph.D. is supported by the Ministry of Higher Education of Malaysia.

The proposed title of the thesis: **Molecular regulators in bone development for future application in regenerative medicine.**

Awarded: October 2017.

## II. Service Records:

November 2008 to November 2017

### **Tutor**

Department of Cell & Molecular Biology,  
Faculty of Biotechnology & Biomolecular  
Sciences,  
Universiti Putra Malaysia, 43400 UPM-  
Serdang, Selangor, Malaysia.

November 2017 to present

### **Senior Lecturer**

Department of Cell & Molecular Biology,  
Faculty of Biotechnology & Biomolecular  
Sciences,  
Universiti Putra Malaysia, 43400 UPM-  
Serdang, Selangor, Malaysia.

## III. Publications:

1. Hui-Yi, Loh., Yui-Yee, Lau., Kok-Song, Lai., Mohd, Azuraiddi, Osman. (2018). MicroRNAs in Bone Diseases: Progress and Prospects. doi: 10.5772/INTECHOPEN.79275
2. Hui-Yi, Loh., Brendan, P., Norman., Kok-Song, Lai., Nik, Mohd, Afizan, Nik, Abd, Rahman., Noorjahan, Banu, Alitheen., Mohd, Azuraiddi, Osman. (2019). The Regulatory Role of MicroRNAs in Breast Cancer. International Journal of Molecular Sciences, 20(19):4940-. doi: 10.3390/IJMS20194940
3. Noorzaileen, Eileena, Zaidi., Nur, Aima, Hafiza, Shazali., Adam, Leow, Thean, Chor., Mohd, Azuraiddi, Osman., Kamariah, Ibrahim., Marilyn, Jaoi-Edward., Nik, Mohd, Afizan, Nik, Abd, Rahman. (2019). Time-Lapse 2D Imaging of Phagocytic Activity in M1 Macrophage-4T1 Mouse Mammary Carcinoma Cells in Co-cultures.. Journal of Visualized Experiments, doi: 10.3791/60281
4. Nik, Mohd, Afizan, Nik, Abd, Rahman., M., Y., Nurliyana., M., N., F., Natasha, Nur, Afiqah., Mohd, Azuraiddi, Osman., Muhajir, Hamid., Mohd, Azmi, Mohd, Lila. (2019). Antitumor and antioxidant effects of Clinacanthus nutans Lindau in 4 T1 tumor-bearing mice. BMC Complementary and Alternative Medicine, 19(1):1-9. doi: 10.1186/S12906-019-2757-4

5. Nurliyana, Mohd, Yusof., Natasha, Nur, Afiqah, Mohamed, Noor, Fuadi., Mohd, Azuraiddi, Osman., Mohd, Azmi, Mohd, Lila., Nik, Mohd, Afizan, Nik, Abd, Rahman. (2020). Viruses, the vehicle for cancer gene therapy: A Review. 02(03):10-. doi: 10.33472/AFJBS.2.3.2020.10-19
6. Nor, Farahin, Azizi., Muganti, Rajah, Kumar., Swee, Keong, Yeap., Janna, Ong, Abdullah., Melati, Khalid., Abdul, Rahman, Omar., Mohd, Azuraiddi, Osman., Sharifah, Alawieyah, Syed, Mortadza., Noorjahan, Banu, Alitheen. (2021). Kefir and Its Biological Activities.. Foods, 10(6):1210-. doi: 10.3390/FOODS10061210
7. Chew-Li, Moo., Mohd, Azuraiddi, Osman., Shun-Kai, Yang., Wai, Sum, Yap., Saila, Ismail., Swee-Hua-Erin, Lim., Chou, Min, Chong., Kok-Song, Lai. (2021). Antimicrobial activity and mode of action of 1,8-cineol against carbapenemase-producing *Klebsiella pneumoniae*.. Scientific Reports, 11(1):20824-. doi: 10.1038/S41598-021-00249-Y
8. Muhammad, Nazirul, Mubin, Aziz., Nurul, Fattin, Che, Rahim., Yazmin, Hussin., Swee, Keong, Yeap., Mas, Jaffri, Masarudin., Nurul, Elyani, Mohamad., Nurul, Elyani, Mohamad., Muhammad, Nadeem, Akhtar., Mohd, Azuraiddi, Osman., Yoke, Kqueen, Cheah., Noorjahan, Banu, Alitheen. (2021). Anti-Metastatic and Anti-Angiogenic Effects of Curcumin Analog DK1 on Human Osteosarcoma Cells In Vitro.. Pharmaceuticals, policy and law, 14(6):532-. doi: 10.3390/PH14060532
9. Hassan, H., Othman, M. F., Abdul Razak, H. R., Zakaria, Z. A., Ahmad Saad, F. F., Osman, M. A., Yi, L. H., et al. (2022). Preparation, Optimisation, and In Vitro Evaluation of [18F]AIF-NOTA-Pamidronic Acid for Bone Imaging PET. *Molecules*, 27(22), 7969. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/molecules27227969>
10. Zaidi, N. E., Shazali, N. A. H., Leow, T. C., Osman, M. A., Ibrahim, K., Cheng, W. H., Lai, K. S., & Nik Abd Rahman, N. M. A. (2022). CD36-Fatty Acid-Mediated Metastasis via the Bidirectional Interactions of Cancer Cells and Macrophages. *Cells*, 11(22), 3556. <https://doi.org/10.3390/cells11223556>
11. Kumar, M. R., Azizi, N. F., Yeap, S. K., Abdullah, J. O., Khalid, M., Omar, A. R., Osman, M. A., Leow, A. T. C., Mortadza, S. A. S., & Alitheen, N. B. (2022). Clinical and Preclinical Studies of Fermented Foods and Their

Effects on Alzheimer's Disease. *Antioxidants* (Basel, Switzerland), 11(5), 883. <https://doi.org/10.3390/antiox11050883>

12. Zaidi, N. E., Shazali, N. A H., Leow, T. C., Osman, M. A., Ibrahim, K. and Rahman, N. M. A. N. A. (2022) "Crosstalk between Fatty Acid Metabolism and Tumour-Associated Macrophages in Cancer Progression," *BioMedicine*: Vol. 12 : Iss. 4 , Article 2. <https://doi.org/10.37796/2211-8039.1381>

#### **IV. Research Grant:**

Investigating the modulation effect of miRNAs on sclerostin translation for healthy bone development. FRGS/1/2019/STG05/UPM/02/9.

#### **V. References:**

Will be furnished upon request.