CURRICULUM VITAE

A. PERSONAL DETAILS		
First Name: Mohamad Zulfazli Bin	Last Name: Mohd Sobri	Title: Dr.
Passport No.: Private info	Citizenship: Malaysia	Gender: Male
Designation: Senior Lecturer	Date of Birth: 05/04/1988	Contact: Private info
Google Scholar: Zulfazli M. Sobri Scopus Author ID: 57200204467 Orchid ID: 0000-0002-7033-0481	Department/Faculty: Department of Bioprocess Technology, Faculty of Biotechnology and Biomolecular Sciences, Universiti Putra Malaysia	Email: zulfazli@upm.edu.my

B. ACADEMIC QUALIFICATION			
Certificate / Qualification obtained	Name of School / Institution	Year obtained	Area of Specialization
Ph.D	University of Manchester, UK	2016	Plant Sciences
B.Sc	University of Manchester, UK	2011	Biotechnology (Enterprise)
Diploma	Mara College Banting	2008	International Baccalaureate

C. EMPLOYMENT				
Employer	Designation	Faculty	Start Date	Date Ended
Universiti Putra Malaysia	Senior Lecturer	Faculty of Biotechnology and Biomolecular Sciences	05/08/2016	Present
University of Manchester	Research Fellow (Sabbatical Leave)	Faculty of Biology, Medicine and Health	01/10/2022	10/07/2023
Universiti Putra Malaysia	Young Academic Fellow	Faculty of Biotechnology and Biomolecular Sciences	05/11/2013	04/08/2016
University of Manchester	Graduate TeachingAssistant	Faculty of Life Sciences	09/2012	09/2014

D. LANGUAGE PROFICIENCY					
Language	Poor (1)	Moderate (2)	Good (3)	Very good (4)	Excellent (5)
English				✓	
Malay					✓

F. LIST OF PUBLICATION	
Journal	Yusof, N.F.M., Saparin, N.F., Seman, Z.A., Rahman, Z.A., Sew, Y.S., Roslan, M.A.M., Rahman, N.A.A., Shaharuddin, N.A., Gallois, P., Sobri, Z.M. (2023). Overexpression of type II rice metacaspase, OsMC4, increases endoplasmic reticulum stress tolerance in transgenic rice calli. Plant Gene. https://doi.org/10.1016/j.plgene.2023.100421 Baharuddin, N.S., Roslan, M.A.M, Ramli, N.A., Azzeme, A.M., Rahman, Z.A., Khayat, M.E., Wasoh, H., Sobri, M.Z. (2023). Revisiting In vitro Micropropagation Protocols of Mimosa pudica for Enhanced Seed Germination, Shoot Multiplication, and Root Initiation. Tropical Agricultural Science. https://doi.org/10.47836/pjtas.46.2.12 Roslan, M.A.M., Sobri, Z.M., Zuan, A.T.K., Cheak, S.C, Rahman, N.A.A. (2022). Bioprospecting Microwave-alkaline Hydrolysate Cocktail of Defatted Soybean Meal and Jackfruit Peel Biomass as Carrier Additive of Molasses-alginate-bead Biofertilizer. Scientific Reports, 12, 254. Baharuddin, N.S., Roslan, M.A.M., Bawzer, M.A.M., Azzeme, A.M., Rahman, Z.A., Khayat, M.E., Rahman, N.A.A., Sobri, Z.M. (2021). Response Surface Optimization of Extraction Conditions and In Vitro Antioxidant and Antidiabetic Evaluation of an Under-Valued Medicinal Weed, Mimosa pudica. Plants, 10, 1692. Roslan, M.A.M., Sohedein, I., Ling, P.S., Sobri, Z.M., Zuan, A.T.K., Cheak, S.C., Rahman, N.A.A (2021). Sustainable Agronomic Valorization of Unsulfured Molasses and Defatted Soybean Meal asan Optimized Formulation of Bio-Organic Fertilizer Enriched with High Cell Density P-Solubilizing Bacteria. Agronomy, 11, 996 Roslan, M.A.M., Zulkifli N.N., Sobri, Z.M., Zuan, A.T.K., Cheak, S.C., Rahman, N.A.A (2020). Seed biopriming with P- and K-solubilizing Enterobacter hormaechei sp. improves the early vegetative growth and the P and K uptake of okra (Abelmoschus esculentus) seedling. PLoS ONE 15(7): e0232860. Chichkova, N.V., Galiullina, R.A., Mochalova, L.B., Trusova, S.V., Sobri, Z.M., Gallois, P., Vartapetian, A.B. (2017). Arabidopsis thaliana phytaspase: identification and peculiar properties. Functional Plant Biology, 45(2), 171 Adzif, M.A., Jariah, N.F., Halim, M., Lai, O.M., Sapian, A.A.S., Sobri, Z.M., Manaf, Y.N., Pak Dek, M.S., Wasoh, M. (2021). Performance of Strobilanthes crispus Leaves Extract as Potential Antioxidant Compound in Oil-in-water Emulsion. Bulletin of Environmental Science and Sustainable Management, 5(2), 33-39 Shafiee, F.A., Wasoh, M., Halim, M., Sobri, M.Z.M., Hashim, A.M. (2021). Evaluation of Toxicity Effect of Palm Oil Mill Effluent Final Discharge by using Daphnia magna. Journal of Biochemistry, Microbiology and Biotechnology, 9(2), 53-58 Wong F.W.F., Khayat, M.E., Sobri, Z.M., Ariff, A. (2018) The potential of Mimosa pudica as a biopreservative for food products: a bioprocessing perspective. Nutri Food Sci Int J. 5(3): 555662 DOI: 10.19080/NFSIJ.2018.05.555662 Wasoh, H., Tajuddin, S., Halim, M., Mohd-Hairul, A.B., Sobri, M.Z.M, Lajis, A.F., Yusof, M.T., Ariff, A. (2017). Antibacterial activity of synsepalum dulcificum leaf extract against listeria monocytogenes and its comparison with Strobilanthes crispus and Morus alba. Journal of Bio- Science. 25: 73-75
Book Chapter	Azzeme A.M, Sobri, Z.M., Ramlan, N.N., Md Zawawi, M.R. (2017). Artificial photons. Nature's Yield and Wonders of Art (NYAWA): Light. Universiti Putra Malaysia Press, 9789679694269 (17-20).

Proceedings	Roslan, M.A.M., Zulkifli N.N., Sobri, Z.M., Zuan, A.T.K., Cheak, S.C., Rahman, N.A.A. Evaluation of Plant Growth Promoting Traits of Phosphate Solubilizing Bacteria and Production of Phytohormone SAES-International Symposium on Applied Engineering and Sciences 2019 Roslan, M.A.M., Zulkifli N.N., Sobri, Z.M., Zuan, A.T.K., Cheak, S.C., Rahman, N.A.A. Phenotypic Characterization of Plant-Beneficial Traits of Enterobacter sp. for Soil Bioinoculant Application. AFOB Malaysian Chapter International Conference 2019

G. RESEARCH GRANT					
Project Title	Role	Year	Amount	Source of fund	Status
Identification and functional analysis of oil palm ion transporterinvolved in combined stresses of flooding and salinity	Co-researcher	2019-2023	RM 173,500	Fundamental Research Grant Scheme, Ministry of Higher Education	On-going
Establishment of cell suspension cultures and hairy root cultures od Mimosa pudica	Principle Investigator	2018-2020	RM 50,000	Putra Grant, Universiti Putra Malaysia	Completed
Characterising the putative role of type II metacaspase gene in regulating Programmed Cell Death (PCD) induced by endoplasmic reticulum stress in rice Oryza sativa	Principle Investigator	2017-2019	RM 65,000	Fundamental Research Grant Scheme, Ministry of Higher Education	Completed

G. POSTGRADUATE SUPERVISION					
Student Name	Research Project	Role	Level	Year	Status
Nor Saffana Binti Baharuddin	Response Surface Optimization of Extraction Conditions Of Medicinal Plant, Mimosa Pudica L. and its Micropropagation Protocol	Main Supervisor	M.Sc	2018-2022	Completed
Muhamad Aidilfitri Bin Mohamad Roslan	Development of A Novel Enterobacter- Enriched Alginate-Bead Biofertilizer to Improve Okra (Abelmoschus Esculentus) P and K Acquisition, Growth Performance and Productivity	Co-Supervisor	Ph.D	2018-2022	Completed
Munirah Adibah Binti Kamarul Zaman	Biochemical Analysis and Functional Characterization of Oil Palm Ion Transporter Involved in Combined Stresses of Flooding andSalinity	Co-Supervisor	Ph.D	2021-present	Ongoing
Leethavani A/P Balachandran	Effect of Heavy Metals on The Expression of Metal Transporter Genes in Lowland Tomato and Zebrafish	Co-Supervisor	M.Sc	2020-present	Ongoing
Nurul Faqihah Binti Mohd Yusof	Characterising the Putative Role ff Type II Metacaspase Gene in regulating Programmed Cell Death Induced by Endoplasmic ReticulumStress in Rice (Oryza Sativa)	Main Supervisor	M.Sc	2017-2021	Withdraw-Health reason