

PROFILE		
1	NAME	RUZIANISRA MOHAMED
2	ACADEMIC POSITION	SENIOR LECTURER
3	STATUS OF APPOINTMENT	PERMANENT
4	CITIZENSHIP	MALAYSIAN
5	EDUCATION	• Phd in Bioinformatics (Saarland University, Saarbruecken, Germany)-2017 • MSc. Biotechnology and Bioinformatics (La Trobe Uni, Melbourne, Australia)- 2009. • Bachelor of Science Bioinformatics (University of Malaya,Kuala Lumpur)- 2005.
6.	LANGUAGE	• Malay • English • Basic German
7	WORKING EXPERIENCE	• Lecturer (DM52) Faculty of Pharmacy, Universiti Teknologi MARA (UiTM), Puncak Alam Campus March 2017 – Present • Lecturer (DM45) Faculty of Pharmacy, Universiti Teknologi MARA (UiTM), Puncak Alam Campus August 2008 – February 2017
8	CURRENT ACADEMIC RESPONSIBILITIES	• RP for Research II • Lecturer for Biostatistics PHC410 • Lecturer for Entrepreneurship ENT530
9	RESEARCH INTERESTS/ PROJECTS	• Bioinformatics ▪ Protein-protein Interactions ▪ Structural Bioinformatics ▪ Drug Discoveries
10	PUBLICATIONS	<u>Journal articles:</u> 1. Siti Syairah Mohd Mutalip, Massita Nordin, Ruzianisra Mohamed, John Shia, Kwong Siew. Vitamin E and Polycystic Ovary Syndrome: A Review on The Reported Clinical Trials. Pharmacophore, 12(3) 2021, 60-63. 2. Ruzianisra Mohamed & Raja Nur Hidayah Raja Hasnan. In silico discovery of potential diagnostic biomarkers of lung cancer. Thai Journal of

		Pharmaceutical Sciences. 2020, 44 (2): 66-72. 3. Ruzianisra Mohamed, Jennifer Degac and Volkhard Helms. Composition of Overlapping Protein-Protein and Protein-Ligand Interfaces. PLoS One. 2015 Oct 30;10(10):e0140965. doi: 10.1371/journal.pone.0140965. 4. Noor Asidah Mohamed, Ruzianisra Mohamed & Teoh Teow Chong. (2012). Homology modeling of Coagulase in Staphylococcus aureus. Bioinformation. 8 (9), 412-414. IF: 1.15 (Thomson/ISI) 5. Siti Syairah M. M and Ruzianisra M. (2012). Sexual Education In Malaysia: Accepted Or Rejected?.Iranian Journal of Public Health, Vol. 41, No.7, 34-39. IF:0.341. (Thomson/ISI) 6. Siti Syairah M. M. and Ruzianisra M. (2012). Risiko Ancaman Akidah dalam Isu Penciptaan Sel Gamet Manusia. Global Journal of Al Thaqafah, 2 (1), 43-53. Conference papers: 1. Ruzianisra M., Siti Safura J. and Ibtisam A.W. (2012). Future Pharmacists with an Emphasis on Oral Presentation in English for their Research Course. In proceeding Regional Conference on Cross Cultural Communication and National Integration (RECCNI 2012), Palace of the Golden Horses, Kuala Lumpur, Malaysia. 2. MY Nayan, R Mohamed, TL Kek and SA Jusoh. (2012). Bergomottin as a potential inhibitor of P-glycoprotein (ABCB1): Insight from homology modeling and molecular docking studies. Paper presented at the 1st International Postgraduate Conference on Pharmaceutical Sciences (iPOPS 2012), Faculty of Pharmacy, UiTM Puncak Alam Campus, Malaysia. 3. MY Nayan, R Mohamed, TL Kek and SA Jusoh. (2012). Human P-glycoprotein and its interaction with bergamottin investigated by molecular modeling and docking simulations. Poster presented at the 1st International Postgraduate Conference on Pharmaceutical Sciences (iPOPS 2012), Faculty of Pharmacy, UiTM Puncak Alam Campus, Malaysia. 4. MY Nayan, Siti Syairah M. M., Siti Azma J.
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		and Ruzianisra M. (2012). Homology Modeling of the DNA Binding and Dimerization Partner Domains of E2F1 Transcription Factor Protein in Homo sapiens. IEEE ISBEIA 2012, Bandung, Indonesia. 5. Wan Dalila W. I, Ruzianisra M. Abu Bakar A. M. and Siti Azma J. (2012). Sequence Analysis and Homology Modeling of TRPV5 and TRPV6 Channels. IEEE ISBEIA 2012, Bandung, Indonesia. 6. M. Y. Nayan, S. A. Jusoh, & Mohamed, R. (2011). Homology Modeling of the DNA binding and dimerization partner domains of human transcription factor E2F1 protein. Paper presented at the CADD 2011, USM, Penang, Malaysia. 7. Ruzianisra, M., Noor A. I. C., Siti S. M. M., Nik N. N. A. R. & Abu B. A. M. (2011). Computational Predictions Of Eight E2F Transcription Factors (E2F1-E2F8) In Homo Sapiens. Poster presented at the International Symposium and Workshop on Functional Genomics and Structural Biology, Palm Garden Hotel, IOI Resort Selangor, Malaysia. 8. Siti, S. M. M., Ruzianisra, M. (2011). <i>Perception towards the Implementation of Sexual Education in Schools among Adolescents in UiTM Puncak Alam</i>. In Proceedings of ASEAN Conference on Scientific and Social Science Research , UiTM. 9. Siti, S. M. M., Ruzianisra, M. (2011). A Preliminary Study on the Perception on Sexual Education among Adolescents at Universiti Teknologi MARA (UiTM) Puncak Alam. In Proceedings of 2nd Annual Health Conference 2011, Universiti Sains Islam Malaysia (USIM). 10. Ruzianisra, M., Afif, A. R., & Abu, B. A. M. (2010, 25-26 May). Computational Prediction of E2F1 transcriptions factors in Mus Musculus. Paper presented at the International Conference and Exhibition on Pharmaceutical, Neutraceutical and Cosmeceutical Technology: Formulation and Applications, KLCC, Kuala Lumpur, Malaysia. 11. Gurmeet, K. S. S., Mashani, M., Siti, S. M. M., Ruzianisra, M., Nadia, J., Siti, N. H. (2010, 25-26 May). Effects of the Estrogenic Pollutant
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		Bisphenol A on Estrogen Receptor ? and ? in Time Response Treated Female Sprague-Dawley Rats. Paper presented at the International Conference and Exhibition on Pharmaceutical, Neutraceutical and Cosmeceutical Technology: Formulation and Applications, KLCC, Kuala Lumpur, Malaysia. 12. Mashani, M., Gurmeet, K. S. S., Siti, S. M. M., Ruzianisra, M., Nadia, J., Siti, N. H. (2010, 25-26 May). Effects of Bisphenol A on Estrogen Receptor Genes of Male Juvenile Sprague-Dawley Rats. Paper presented at the International Conference and Exhibition on Pharmaceutical, Neutraceutical and Cosmeceutical Technology: Formulation and Applications, KLCC, Kuala Lumpur, Malaysia. 13. Siti, N. H., Fatimah, A., Gurmeet, K. S. S., Mashani, M., Ruzianisra, M., Siti, S. M. M. (2010, 25-26 May). Hormonal Changes in Bisphenol A Treated Sprague Dawley Rats at Different Dose Response. Paper presented at the International Conference and Exhibition on Pharmaceutical, Neutraceutical and Cosmeceutical Technology: Formulation and Applications, KLCC, Kuala Lumpur, Malaysia. 14. Siti, S. M. M., Muhamad, F. A. H., Gurmeet, K. S. S., Mashani, M., Ruzianisra, M., Nadia, J. (2010, 1-2 June). Effect on Histological Changes in Testes of Dose-Response BPA Treated on Juvenile Sprague Dawley Rats. Paper presented at the Regional Seminar 2010 "Moving Forward and Beyond: Transcending Boundaries and Interfacing Realms", M. S Garden Hotel Kuantan, Pahang, Malaysia. 15. Suhaidah, M. J., Norfazihan, M. M., Gurmeet, K. S. S., Mashani, M., Nadia, J., Ruzianisra, M. (2010, 25-26 May). Bisphenol A (BPA) Exposure and Induction of Oxidative Stress: A Time Response Study. Paper presented at the International Conference and Exhibition on Pharmaceutical, Neutraceutical and Cosmeceutical Technology: Formulation and Applications, KLCC, Kuala Lumpur, Malaysia. 16. Bob, I. K., Siti, S. M. M., Gurmeet, K. S. S., Mashani, M., Ruzianisra, M., Nadia, J.
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		(2010). Histological Changes in Male Reproductive System of Time Response BPA treated Sprague Dawley Rats. Paper presented at the International Conference on Arts, Social Sciences & Technology "Unveiling New Heights in Multidisciplinary Knowledge", The Gurney Hotel, Resort & Residences, Penang, Malaysia. 17. Gurmeet, K. S. S., Mashani, M., Siti, S. M. M., Ruzianisra, M., Nadia, J., Siti, N. H. (2010). Gene Expression Changes in The Male Reproductive System of Time Response Bisphenol A Treated Rats. Paper presented at the 24th Malaysian Society Pharmacology & Physiology Scientific Meeting 2010, SACC Shah Alam, Selangor, Malaysia. 18. Mashani, M., Gurmeet, K. S. S., Siti, S. M. M., Ruzianisra, M., Nadia, J., Siti, N. H. (2010). Expression of Estrogen Receptor Genes in Dose Response, Bisphenol A Treated Female Juvenile Rats. Paper presented at the 24th Malaysian Society Pharmacology & Physiology Scientific Meeting 2010, SACC Shah Alam, Selangor, Malaysia. 19. Siti, N. H., S., G. K. S., Mashani, M., Siti, S. M. M., Suhaidah, M. J., Ruzianisra, M. (2010). Effects of Progesteron Level on Bisphenol A Treated Sprague Dawley Rats. Paper presented at the International Conference on Arts, Social Sciences and Technology "Unveiling New Heights in Multidisciplinary Knowledge", The Gurney Hotel, Resort & Residence, Penang, Malaysia. 20. Siti, N. H., Siti, F. M. F., Gurmeet, K. S. S., Mashani, M., Siti, S. M. M., Ruzianisra, M. (2010). Antioxidant Activity Study in the Brain of Male Bisphenol A Treated Rats At Different Dose Response. Paper presented at the 24th Malaysian Society Pharmacology & Physiology Scientific Meeting 2010, SACC Shah Alam, Selangor, Malaysia. 21. Mohamed R., Gendall A.R., Cartwright P. and Abdul Majeed A.B. Cloning of the Arabidopsis thaliana Sodium/Hydrogen Antiporter (AtNHX6) cDNA. 2nd UKM-UI Joint Seminar 2009. Faculty of Science and Technology, Universiti Kebangsaan Malaysia
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		Bangi, Selangor, Malaysia. 22-23rd June 2009. 22. Abdul Wahab I., Ramasamy K., Mohamed R. and Abdul Majeed A.B. Peranan Kursus Penyelidikan dan Instrumentasi di Dalam Penghasilan Penerbitan Pelajar Farmasi. International Conference on Teaching and Learning in Higher Education 2009. The Legend Hotel, Kuala Lumpur, Malaysia. 23-25th November 2009.
11	RESEARCH GRANTS	1. Dana Kecemerlangan UiTM (Principal Investigator). Title: Homology Modeling of coagulase enzyme in Staphylococcus aureus. Amount: RM5,600.00. Status: Completed (2010) 2. FRGS (Principal Investigator). Title: Homology Modeling of E21 Transcription Factor from Homo sapiens. Amount: RM56,000.00. Status: Completed (2013) 3. FRGS-RACER (Principal Investigator). Title: Homology Modeling of Human BAP1 And Analysis of Its Binding Properties Through Molecular Docking and Molecular Dynamics Simulation. Amount: RM52,000. Status: On-going (Year 2019-present)
12	AWARDS	1. Excellent Service Award UiTM 2020 2. Excellent Service Award UiTM 2011
13	INVOLVEMENT IN PROFESSIONAL ORGANISATIONS	1. IEEE Conferences Reviewer 2012-Present 2. Women in STEM, Saarland University 2013-2016
14	PARTICIPATION IN CONTINUING EDUCATION	1. Computer Simulation and Theory of Macromolecules Workshop Hunfeld, Germany April 2013, April 2014 and April 2015. 2. Data Science Summer School 2014 Saarland University, Saarbruecken, Germany 3. Basic German Language Summer Semester 2013, International Max Planck Research, School for Computer Science, Saarbruecken, Germany