

Curriculum Vitae of Academic Staff

i.	Full Name	LYENA WATTY ZURAINÉ BT AHMAD (Dr.)
ii.	Academic Qualifications	<ul style="list-style-type: none"> • PhD. Biosciences, International Islamic University Malaysia (2019) • MSc. Management of Plant Genetic Resources, Universiti Kebangsaan Malaysia (2001) • BSc. Molecular and Cell Biology (Genetics), Universiti Kebangsaan Malaysia (2000)
iii.	Current Professional Membership	<ul style="list-style-type: none"> • Asian Federation of Biotechnology Malaysia • Persatuan Genetik Malaysia
iv.	Current Teaching and Administrative Responsibilities	<ul style="list-style-type: none"> • Resource Person for BIO511 (Genetics) • Pengerusi II Jawatankuasa OBE dan Piawaian Akademik
v.	Conference and Training	<ul style="list-style-type: none"> • Mohamad, O.* , R. A. Abdullateef , A. Lyena Watty Zuraine and M. Muhsin. Breeding stevia for high leaf yield and high rebaudioside a content. First Plant Breeding Seminar, 3-5 July 2012, ABI Serdang. • O. Mohamad, K. Hadzim , M. Zainal , M. Muhsin , R. Abdullateef , O. Halimaton Saadiah and A. Lyena Watty Zuraine (2013) Induced mutation-assisted plant breeding: Examples from rice, roselle and stevia. FUNDAMENTAL SCIENCE CONGRESS 2013 20th – 21st August 2013 • Lyena Watty Zuraine Ahmad, Azhar Mohamad, Mohamad Osman, Zarina Zainuddin, & Fatin Izzati Mohd Khari (2014). Optimization Of ISSR Markers For DNA Fingerprinting In Stevia Rebaudiana Bertoni. <i>Research and Development Seminar 2014, Malaysian Nuclear Agency, Malaysia</i> • Lyena Watty Zuraine Ahmad, Zarina Zainuddin, Azhar Mohamad, Mohamad Osman (2014) Polymorphism studies on chronically irradiated M1 seeds of <i>Stevia rebaudiana</i> using ISSR markers. 2nd International Conference on Advances in Plant Sciences 18-22, November 2014 Sheraton, Kuching, Sarawak, Malaysia • Mohamad, O., Shamsiah, A., Abdullateef A. R., Halimaton Saadiah, O., Lyena Watty Zuraine, A., Mohd. Farit, A. H., Amanina, A. Hassuna, J. (2016). Breeding improved stevia genotypes for short-day tropical environments. International Agriculture Congress, 4-6 October 2016, Hotel Bangi-Putrajaya
vi.	Research and Publications	<ul style="list-style-type: none"> • Rosmat Rabu, Lyena Watty Zuraine Ahmad, Md. Lehan Parimun, Hj. Bohari Hj. Wahijan, Wan Abd. Ghafar Wan Abd. Hamid, Nazri Kulup Mahmud, Ridzuan Md. Taib, Mohamed Soder Rahmad, Shamsury Abd Karim, Norazah Mustafa, Sayed Abdul Rahman Sayed Nengah, Yadman Sarwan, Supani Hj. Hussin. (2005) Modul 3: Kemahiran Bumiputera, Fasa II Pengantarabangsaan, Modul Latihan Pembangunan Dan Kepimpinan Pelajar Uitm (Peringkat Ijazah/Profesional), Chapter(S) In Book. Upena Uitm. ISBN 983-3643-00-0. (Muka Surat 169-186)

		<ul style="list-style-type: none"> • Julenah, A. N., dan Lyena Watty Zuraine, A., (2007) Tinjauan awal penggunaan tumbuhan ubatan untuk rawatan kesihatan wanita oleh suku kaum Orang Sungai di Kg. Sukau, Kinabatangan, Sabah. Prosiding Seminar Pasca Ekspedisi Sukau 2007. Mahmud, A. M., (ed) 13 – 14 Disember 2007. Uni. Teknologi Mara, Kota Kinabalu Sabah. 143-150. ISBN978-967-305-240-0. • Mohamad, O., Abdullateef A. R., Lyena Watty Zuraine, A. and Muhsin, M. (2012). Stevia Breeding for Higher Productivity and Level of Rebaudioside A. <i>Genes and Genetic Systems</i> 87 (6). 395 • Mohamad, O., Abdullateef, R. A., Lyena Watty Zuraine, A., and Muhsin, M. (2012). Breeding Stevia for high leaf yield and high rebaudioside A content. PLANT BREEDING NEWS EDITION 237. • Norfatimah Binti Mohamed Yunus, Lyena Watty Zuraine Binti Ahmad, Iwani Mahadi, Mohd Fakhri Yaacob (2018) Toxicity Analysis on Weight-Loss Supplement using Allium Test and Simple Sequence Repeat (SSR). PROCEEDING PAPER 2nd International Conference on Applied Sciences and Industrial Technology 2018 • Nur Alya Nabilah Azis, Lyena Watty Zuraine Ahmad, Azhar Muhamad (2019) The Effect Of Acute Gamma Irradiation On Plant Height Of <i>Vigna radiate</i>. PROCEEDING PAPER JUNIOR SCIENCE COMMUNICATION: 1st Applied Sciences Undergraduate Conference 2018. eISSN 2637-0689 • Quratul Ain Aadnan, Harinder Rai Singh, Lyena Watty Zuraine Ahmad, Dzulsuhaimi B Daud (2019) MOLLUSCICIDAL ACTIVITY OF <i>B. racemosa</i> ETHANOLIC EXTRACT AGAINST <i>P. canaliculata</i>. PROCEEDING PAPER JUNIOR SCIENCE COMMUNICATION: 1st Applied Sciences Undergraduate Conference 2018. eISSN 2637-0689 • Lyena Watty Zuraine Binti Ahmad, Zarina Zainuddin, Mohamad Osman, Azhar Muhamad, Norrizah Binti Jaafar Sidik (2019) Effects of N-Methyl-N-Nitrosourea on Seed Germination of <i>Stevia rebaudiana</i>. Sains Malaysiana 48 (2), 301-307. ISSN 0126-6039. http://dx.doi.org/10.17576/jsm-2019-4802-05
x.	Other Relevant Information	<p>Gold Award - "Producing Stevia F1 Hybrids Through Trigona Assisted Pollination". "Invention, Innovation and Design Exposition" peringkat Universiti, UiTM Shah Alam. (20-23 Sept 2016).</p> <p>Hak Cipta (CRLY00002780) – Pencipta bagi projek penyelidikan "Producing Stevia F1 hybrids through Trigona-assisted pollination" dan telah didaftarkan ke dalam Daftar Hak Cipta mengikut seksyen 26B Akta Hak Cipta 1987 (Akta 332), 21 Oktober 2015</p> <p>Gold Award - "Producing Stevia F1 Hybrids Through Trigona Assisted Pollination". "Invention, Innovation and Design Exposition" Faculty of Plantation and Agrotechnology, Kampus Jasin, Melaka. (27 Mac 2015).</p> <p>Silver Medal - "Innovative Process in Producing F1 Hybrid Stevia Through Trigona Assisted Pollination" "26th International Invention, Innovation and Technology Exhibition (ITEX 2015), Kuala Lumpur. (21-23 May 2015)</p>

		<p>Research Grant</p> <p>Principal Investigator of 2010 FRGS grant for research entitled Isolation and Cytotoxicity Study of Quassinoids from <i>Quassia borneensis</i> L. (Simaroubaceae) (RM 54,000)</p> <p>Co-researcher of 2013 ERGS Grant for research entitled IRAP AND REMAP MARKERS TO ASSESS GENETIC DIVERSITY OF STEVIA (<i>Stevia rebaudiana</i> BERTONI) ACCESSIONS (RM 60,000)</p> <p>Co-researcher of 2008 Dana Kecemerlangan UITM for research entitled Species identification of <i>Ficus deltoidea</i> using molecular technique and cytological studies (RM10,000)</p>
xi	Field of expertise	Plant genetics - Mutation breeding, cytogenetics, phylogenetics