

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI <i>(Personal Details)</i>			
Nama Penuh <i>(Full Name)</i>	Nurashikin Binti Kemat		Gelaran <i>(Title)</i> : Dr.
	Warganegara <i>(Citizenship)</i> Malaysian	Bangsa <i>(Race)</i> Malay	Jantina <i>(Gender)</i> Female
Jawatan <i>(Designation)</i>	Senior Lecturer	Tarikh Lahir <i>(Date of Birth)</i>	12 October 1982

Alamat Semasa <i>(Current Address)</i>	Jabatan/Fakulti <i>(Department/Faculty)</i>	E-mel dan URL <i>(E-mail Address and URL)</i>
Department of Agriculture Technology (Block E, Level 2), Faculty of Agriculture, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor.	Department of Agriculture Technology (Block E, Level 2), Faculty of Agriculture, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor. Tel: + 6019 2302 585 Fax:	E-mail: nurash@upm.edu.my URL: H/P: +60192302585

B. KELAYAKAN AKADEMIK <i>(Academic Qualification)</i>			
Nama Sijil / Kelayakan <i>(Certificate / Qualification obtained)</i>	Nama Sekolah Institusi <i>(Name of School / Institution)</i>	Tahun <i>(Year obtained)</i>	Bidang pengkhususan <i>(Area of Specialization)</i>
Ph.D (Thesis Title: Improving the quality of tissue-cultured plant by fixing the problem related to an inadequate water balance, hyperhydricity)	Wageningen University and Research, The Netherlands	2020	Plant Tissue Culture, Plant Biotechnology, Plant Breeding
Master of Science (Thesis Title: In vitro plant regeneration and RAPD assessment of somaclonal variations in Safed Musli)	Universiti Putra Malaysia	2012	Agrobiotechnology
Bachelor of Science Horticulture	Universiti Putra Malaysia	2007	Horticulture

C. KEMAHIRAN BAHASA <i>(Language Proficiency)</i>					
Bahasa / Language	Lemah Poor (1)	Sederhana Moderate (2)	Baik Good (3)	Amat Baik Very good (4)	Cemerlang Excellent (5)
English				/	
Bahasa Melayu					/

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN (<i>Scientific experience and Specialisation</i>)				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
Pre-University Matriculation Innovation Competition 2023 (PIITRAM2023)	Jury	2023	2023	Plant Sciences / Plant Biotechnology
Journal of International Society for Southeast Asian Agricultural Sciences	Reviewer	2022	Present	Plant Sciences / Plant Biotechnology
Advances in Agricultural and Food Research Journal	Reviewer	2022	Present	Plant Sciences / Plant Biotechnology
Malaysian Journal of Biochemistry and Molecular Biology	Reviewer	2021	Present	Plant Biotechnology
Journal of Biotech Studies	Reviewer	2021	Present	Plant Biotechnology
Genetics Society of Malaysia	Member	Oct 2020	Present	Plant Sciences / Plant Biotechnology
International Society for Southeast Asian Agricultural Sciences	Member	Sept 2020	Present	Plant Sciences / Plant Biotechnology
Alumni, Wageningen University and Research, The Netherlands	Member	Jun 2020	Present	Plant Sciences
Alumni, Universiti Putra Malaysia	Member	April 2004	Present	Horticulture / Agrobiotechnology

E. PEKERJAAN (<i>Employment</i>)				
<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
Universiti Putra Malaysia	Senior Lecturer	Dept. of Agriculture Technology	2020	Current
Universiti Putra Malaysia	Tenaga Akademik Muda	Dept. of Agriculture Technology	October 2014	April 2020
Universiti Putra Malaysia	Administrative Officer (N41)	Dept. of Agribusiness and Bioresources Economics (Incubation Agricultural Entrepreneurship Program)	Feb 2012	October 2014
All Cosmos Industries Sdn. Bhd.	Management Trainee	Corporate Marketing and Research	Jun 2007	Jun 2008

F. ANUGERAH DAN HADIAH (<i>Honours and Awards</i>)				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Awards</i>	International Putra InnoCreative Carnival in Teaching and Learning (i-PicTL) - Gold Medal	Universiti Putra Malaysia	International	2021
	7 th Southeast Asian Agriculture Engineering Student Chapter Annual Regional Convention 2021 - Silver Medal	Universiti Putra Malaysia and Malaysian Society of Agricultural and Food Engineers	International	2021
	2 nd International Conference on Advance in Biotechnology - Best Poster	Garvin International Conferences and Publisher	International	2018
	CPD Certificates of Attendance and Learning Tool	Garvin International Conferences and Publisher	International	2018
	Federal Scholarship Awards: Skim Latihan Akademik IPTA (SLAI)	Ministry of Higher Education Malaysia & University Putra Malaysia	University	2014-2020
	Certificate of Academic Excellence	University Putra Malaysia	University	2004-2005
	Dean's List	Faculty of Agriculture, Universiti Putra Malaysia	University	2004-2005
<i>Non-Academic Awards</i>	1. Excellent Service Award	Faculty of Agriculture, Universiti Putra Malaysia	University	2021
	2. Excellence Service Award	Faculty of Agriculture, Universiti Putra Malaysia	University	2013
	3. Certificate of Achievement	Petrosains Sdn. Bhd	Corporate Agency	2003
	4. Certificate of Appreciation	Ministry of Youth and Sports	National	2001

G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (<i>List of publications – author (s), title, journal, volume, page and year published</i>)	
<i>Journal</i>	<ol style="list-style-type: none"> Nurashikin Kemat, Richard G.F. Visser, Frans A. Krens. Hypolignification: a decisive factor in the development of hyperhydricity. Plants. 2021 Jaafar Juju Nakasha, Uma Rani Sinniah, Nurashikin Kemat, Kumara Swamy Mallappa. Induction, Subculture cycle, and regeneration of callus in safed musli (<i>Chlorophytum borivilianum</i>) using different types of phytohormones. Pharmacognosy magazine. 12:460-4. 2016. Mehdi Farshad Ashraf, Maheeran Abd Aziz, Nurashikin Kemat and Ismanizan Ismail. Effect of cytokinin types, concentrations and their interactions on in vitro shoot regeneration of <i>Chlorophytum borivilianum</i> Sant. & Fernandez. Electronic Journal of Biotechnology. 17: 275-279. 2014. Nurashikin Kemat, Mhdzar Abdul Kadir, Nur Ashikin Psyquay Abdullah and Farshad Ashraf. Rapid multiplication of Safed musli (<i>Chlorophytum borivilianum</i>) through shoot proliferation. African Journal of Biotechnology. 9(29):4595-4600. 2010.
<i>Proceedings</i>	<ol style="list-style-type: none"> Nurashikin Kemat, Geert-Jan de Klerk, Richard Visser and Frans Krens. p-Coumaric acid increases lignin content and reduces hyperhydricity in in-vitro grown <i>Arabidopsis</i> seedlings. Acta Horticulturae, 1285: 95-101. 2020.
<i>Other publications</i>	<ol style="list-style-type: none"> Nurashikin Kemat, Nik Norasma Che'Ya, Syaz Wana Suid, Hyperhydricity in Plant Tissue Culture. 7th Southeast Asian Agriculture Engineering Student Chapter Annual Regional Convention. 2021

H. PROJEK PENYELIDIKAN TERDAHULU (<i>Past Research Project</i>)					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
5540560	Polyploidization and salinity stress induction of <i>Hempedu Bumi</i> (<i>Andrographis paniculata</i>) for enhanced yield and bioactive compounds production	Member	2022	Ministry of Higher Education Malaysia (FRGS)	On-going
9710400	Understanding the Physiological, Anatomical and Biochemical factors for Overcoming	Principal Investigator	2022	Universiti Putra Malaysia (GP-IPM)	On-going

	<i>Hyperhydricity in Tissue-culture Carnation (Dianthus Caryophyllus L.)</i>				
9699700	<i>Development of Sago (Metroxylon sagu Rottb.) Draft Genome.</i>	Member	2021	Universiti Putra Malaysia (GP-IPM)	On-going
KV 1310-067	Stress in Weefselkweek	Committee Member	2014-2020	TKI-U , Netherlands Enterprise Agency, The Netherlands	Completed
na	Penyelidikan Safed Musli	Graduate Research Assistant	2008-2011	Yayasan Felda	Completed