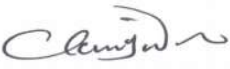


## APPENDIX A - CURRICULUM VITAE

Please follow the following format when submitting the curriculum vitae of key research personnel

### A. Personal Data

1. **Name** : Dr Wee Chien Yeong
2. **IC No** : 730521-01-5684
3. **Date and Place of Birth** : 21 May 1973 / Muar Johor
4. **Sex** : Female
5. **Nationality** : Malaysian
6. **Name of Current Employer** : MARDI
7. **Address** : Malaysian Agricultural Research & Development Institute  
Peti Surat 12301, Pejabat Besar Pos,  
50774 Kuala Lumpur.
8. **Telephone No** : 03 – 8943 7537
9. **Fax No** : 03 – 8943 7630
10. **Title of Position Held** : Senior Research Officer
11. **Signature of Researcher** : 
12. **Date** : 31 Dec 2018

### B. Educational Qualifications

#### 1. Academic Qualification

- |                               |   |   |
|-------------------------------|---|---|
| Degree                        | : | Doctor of Philosophy                            |
| Field                         | : | Plant Biotechnology                             |
| Year                          | : | 2006  |
| Name and Place of Institution | : | Universiti Putra Malaysia<br>Serdang, Selangor. |
| Degree                        | : | Bachelor of Science (Hon)                       |
| Field                         | : | Biotechnology                                   |
| Year                          | : | 1998  |
| Name and Place of Institution | : | Universiti Putra Malaysia<br>Serdang, Selangor. |

<b>2</b>	<b>Other Professional Courses Completed</b>	
	<b>Field</b>	: The Regulations and Management of Transgenic Field Trials
	<b>Year</b>	: 2006
	<b>Field</b>	: Real-time PCR
	<b>Year</b>	: 2008
<b>C. Research Experience</b>		
<b>1</b>	<b>Number of Years Experience in the Field</b>	: 15 years
<b>2</b>	<b>Fields of Specialisation</b>	: Genetic Engineering and Molecular Biology Functional Genomics
<b>3</b>	<b>Major Research Programmes</b>	
	<b>Title</b>	: Functional Validation of Potential Defence-related Genes from Papaya Fruits Using Model Plants
	<b>From</b>	: 2010
	<b>To</b>	: 2012
	<b>Position held</b>	: Project Leader
	<b>Title</b>	: Pembangunan Teknologi Untuk Pengawasan Penyakit Kritikal Tanaman (Mati Rosot, Fusarium Dan Moko) Melalui Kaedah Genomik Berfungsi dan Kejuruteraan Genetik
	<b>From</b>	: 2013
	<b>To</b>	: 2014
	<b>Position held</b>	: Sub-project Leader
	<b>Title</b>	: Epigenetic Study of Rice under Drought and High Salinity Conditions
	<b>From</b>	: 2013
	<b>To</b>	: 2015
	<b>Position held</b>	: Collaborator
	<b>Title</b>	: Functional studies of mitogen-activated protein kinase 4 (MPK4) in relation to mitogen activated protein (MAP) kinase cascade genes in papaya dieback defense-related responses
	<b>From</b>	: 2015
	<b>To</b>	: Now
	<b>Position held</b>	: Project Leader
<b>4</b>	<b>Major Commercial Achievements</b>	: Nil

#### D. Recent Publications

**Chien-Yeong Wee\***, Rogayah Sekeli, Nor Hidayu Che Asari, Siti Fatiha Yahya and Chandradevan Machap (2018). Enhancement of bioactive compounds in *Hylocereus polyrhizus* callus mediated by plant growth regulators and elicitors. *Journal of Tropical Plant Physiology*, **10(1)**:1-10.

Rogayah Sekeli, Muhammad Hanam Hamid, Roslinda A. Razak, **\*Chien-Yeong Wee** and **\*Janna Ong-Abdullah** (2018). Malaysian *Carica papaya* L. var. Ekstotika: Current Research Strategies Fronting Challenges. *Frontiers in Plant Science*, **9**:1380. doi: 10.3389/fpls.2018.01380.

Andrew De-Xian Kok, Low Lee Yoon, Rogayah Sekeli, **Wee Chien Yeong**, Zetty Norhana Balia Yusof and Lai Kok Song (2018). Chapter 3: Iron Biofortification of Rice: Progress and Prospects. In *Rice Crop - Current Development* (eds.) Farooq S., Zafar Hayat K. and Amjad I., IntechOpen. 25-44 DOI: 10.5772/intechopen.73572.

Muhammad Hanam Hamid, Lina Rozano, **Wee Chien Yeong\***, Janna Ong Abdullah\* and Noor Baiyy Saidi (2017). Analysis of MAP kinase MPK4/MEKK1/MKK genes of *Carica papaya* L. comparative to other plant homologues. *Bioinformation*, **13(2)**: 31-41. (Corresponding author)

Suhaina Supian, Noor Baiyy Saidi, **Chien-Yeong Wee** and Mohd Puad Abdullah (2017). Antioxidant-mediated response of a susceptible papaya cultivar to a compatible strain of *Erwinia mallotivora*. *Physiological and Molecular Plant Pathology*, **98**: 37-45.

Mohd Waznul Adly M.Z., Zuraida A.B., **Wee C.Y.**, Alizah Z., Norliza A.B. and Che Radziah C.M.Z. (2015). Ectopic expression of *OPKN1* gene in *N. benthamiana* alter flower size and delaying flowering time. *Malays. Appl. Biol.* (2015) 44(1): 101–106.

S. Rogayah, O.A. Janna, N. Parameswari, M. Pauziah, A.B. Umi Kalsom and **C.Y. Wee** (2015). A quick protocol to facilitate the selection of putative delayed ripening transgenic papaya lines for field evaluation. *J. Trop. Agric. and Fd. Sc.* 43(2): 155 – 164.

**Wee C.Y.**, Muhammad Hanam H., Mohd Waznul Adly M.Z. and Khairun H.N. (2014). Expression of defense-related genes in papaya seedling infected with *Erwinia mallotivora* using real-time PCR. *Journal of Tropical Agriculture and Food Science*, Issue 42(1):73-82.

**Wee C.Y.** and Mohd Waznul Adly M.Z. (2014). Aplikasi sistem asai transien untuk kajian kefungsiisan gen dalam bidang agrobioteknologi. *Buletin Teknologi MARDI*, Bil. 5:103-111.

Rogayah S., Janna O.A., Parameswari N., Pauziah M., Umi Kalsom A.B., **Wee C.Y.** and Vilasini P. (2014). RNA interference of 1-aminocyclopropane-1-carboxylic acid oxidase (*ACO1* and *ACO2*) genes expression prolongs the shelf life of Ekstotika (*Carica papaya* L.) papaya fruit. *Molecules*, 19: 8350-8362.

**Wee C.Y.**, Rogayah S. dan Khairun H.N. (2013). Kejuruteraan Genetik Tumbuhan. Dalam: *Bioteknologi Pengenalan dan Prinsip Asas* (Rujukan Peperiksaan KPSL MARDI; Zamri I., Kamariah L. dan Indu B.J. eds.). Penerbit MARDI, Selangor, m.s. 38-46.

Mohd Waznul Adly M.Z., Syed Zahiruddin S.H., Siti Maryam O., Muhammad Hanam H. and **Chien-Yeong W.** (2011). *Carica papaya* cultivar Ekstotika I peptidyl-prolyl cis-trans isomerase mRNA, complete cds. GenBank Accession No. JN130385.

Biosafety Guidelines for Contained Use Activity of Living Modified Organism The Ministry of Natural Resources and Environment Malaysia ISBN NO.: 978-967-10117-1-3. (2010)

Guidelines For Institutional Biosafety Committees: Use of Living Modified Organisms and Related Materials. The Ministry of Natural Resources and Environment Malaysia ISBN NO.: 978-967-10117-0-6. (2010)