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## Universiteit Leiden



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## Curriculum Vitae

Mohd Zuwairi bin Saiman was born on the 9<sup>th</sup> of February 1983 in Malacca, Malaysia. After finishing secondary education in Sekolah Menengah Sains Muzaffar Syah (Muzaffar Syah Science Secondary School), he attended a science matriculation program in University of Malaya (UM), Kuala Lumpur. In 2002, he continued his bachelor degree in the same university and he obtained a BSc (Honors) in Biotechnology in 2006. His undergraduate research project was about physiological studies of micropropagated banana plants (*Musa acuminata* var. *berangan*) from *in vitro* to *ex vitro* condition. After graduation, he worked as a research assistant in Plant Biotechnology Incubator Unit in UM. He conducted a research dealing with mass propagation and production of bioactive compounds of *Zingiber zerumbet* (pinecone ginger) cell cultures in bioreactors. In 2007, he was awarded a scholarship and an academic staff training scheme from Ministry of Education Malaysia and UM, respectively, to pursue his postgraduate studies. He continued his MSc in the Pharmacognosy/Plant Biotechnology Department, Leiden University with research on the secondary metabolites production in cell and root cultures of the medicinal plant *Catharanthus roseus* and *Gynura procumbens*. He finished the MSc degree in July 2009 and five months later, he started his PhD in Natural Products Laboratory, Institute of Biology, Leiden University. After getting PhD, he will be serving UM as a lecturer and a researcher.

## Publications

**Mohd Zuwairi Saiman**, Natali Rianika Mustafa, Anna Elisabeth Schulte, Robert Verpoorte, Young Hae Choi (2012) Induction, characterization, and NMR-based metabolic profiling of adventitious root cultures from leaf explants of *Gynura procumbens*. *Plant Cell, Tissue and Organ Culture* 109: 465–475

**Mohd Zuwairi Saiman**, Natali Rianika Mustafa, Barbora Pomahačová, Marianne Verberne, Robert Verpoorte, Young Hae Choi, Anna Elisabeth Schulte (2014) Analysis of metabolites in the terpenoid pathway of *Catharanthus roseus* cell suspensions. *Plant Cell, Tissue and Organ Culture* 117: 225–239

