CURRICULUM VITAE

A. PERSONAL DETAILS			
Full Name	**NIK ISKANDAR PUTRA SAMSUDIN**		Title: **Dr.**
NRIC No.: **–**	Nationality: **Malaysian**	Race: **Malay**	Gender: **Male**
Designation:	**Senior Lecturer**	Date of Birth:	**1985**

Current Address:	Department/Faculty:	E-mail Address:
A-16-4, Aman Heights Resort Condominium, **Jalan Bersatu,** **Taman Bukit Serdang 5,** **43000 Seri Kembangan,** **Selangor Darul Ehsan** Tel: **–**	**Department of Food Science,** **Faculty of Food Science and Technology,** **UPM** Tel: **+603 – 8946 8259** Fax: **+603 – 8942 3552**	E-mail: **nikiskandar@upm.edu.my** URL: **–** H/P: **–**

B. ACADEMIC QUALIFICATION			
Qualification:	Institution:	Year:	Specialization:
PhD	**Cranfield Uni., UK**	**2012 – 2015**	**Food Mycology**
MSc	**Uni. Malaya**	**2009 – 2011**	**Food Mycology**
BSc (Hons)	**Uni. Putra Malaysia**	**2004 – 2007**	**Microbiology**

C. LANGUAGE PROFICIENCY					
Language	Poor (1)	Moderate (2)	Good (3)	Very good (4)	Excellent (5)
English					/
Malay					/

D. SCIENTIFIC AFFILIATION AND SPECIALIZATION				
Organization:	Position:	Start Date:	End Date:	Expertise:
Institute of Tropical Agriculture and Food Security (ITAFOS), UPM	**Researcher**	**Jan, 2017**	**Now**	**Food Safety (Food Mycology)**
Malaysian Society for Microbiology	**Member**	**Dec, 2015**	**Now**	**Food Microbiology**
Food Safety Research Centre (FOSREC), FSTM, UPM	**Researcher**	**Dec, 2015**	**Dec, 2016**	**Food Safety (Food Mycology)**

E. EMPLOYMENT				
Employer:	Designation:	Department:	Start Date:	End Date:
UPM	**Senior Lecturer (DS51)**	**Department of Food Science, Faculty of Food Science and Technology**	**Dec, 2015**	**Now**
UPM	**Tutor (DA41)**	**Department of Food Science, Faculty of Food Science and Technology**	**Dec, 2007**	**Dec, 2015**
UPM	**Graduate Research Assistant**	**Department of Microbiology, Faculty of Biotechnology and Biomolecular Sciences**	**June, 2007**	**Nov, 2007**

F. HONOURS AND AWARDS				
Type of Awards:	Title:	Award Authority:	Award Type:	Year:
Academic	**Travel Grant to attend the 10th International Mycological Congress, Thailand**	**British Mycological Society (£500)**	**International**	**2014**
	Travel Grant to attend the Erasmus Intensive Program on the "Methods in Food Mycology and Mycotoxicology, Portugal	**European Union (€500)**	**International**	**2014**
	Skim Latihan Akademik IPTA (SLAI) to do PhD at Cranfield, UK	**Malaysian Ministry of Higher Education (42 months; £96,100)**	**International**	**2012**
	Skim Latihan Akademik Bumiputera (SLAB) to do MSc at UM	**Malaysian Ministry of Higher Education (24 months; RM36,600)**	**National**	**2009**
	MSM-ASM-Biolog Merit Award for Poster Presentation (Category: General and Applied Microbiology)	**Malaysian Society For Microbiology (MSM)**	**National**	**2008**
	Interscience Sdn. Bhd. Prize for Best Undergraduate Final Year Project (Best Thesis)	**Department of Microbiology, Faculty of Biotechnology and Biomolecular Sciences**	**Faculty**	**2007**

Non-academic	**Excellent Service Certificate**	**Universiti Putra Malaysia**	**University**	**2008**

G. LIST OF PUBLICATIONS

JOURNALS

1. Angel Medina, Sejakhosi Mohale, **Nik Iskandar Putra Samsudin**, Alicia Rodriguez-Sixtos, Alicia Rodriguez and Naresh Magan. **(2017)**. Biocontrol of mycotoxins: dynamics and mechanisms of action; a review. **Current Opinion in Food Science** 17: 41-48. (Scopus-cited)
2. Farawahida Abdul Halim, Jinap Selamat, Nor-Khaizura Mahmud Abdul Rashid and **Nik Iskandar Putra Samsudin**. **(2017)**. Reduction of *Aspergillus* spp. and aflatoxins in peanut sauce processing by oil-less frying of chilli powder and retort processing. **Food Additives and Contaminants: Part A** *in press*. Accepted August 2017. (ISI Q2 Category Food Science and Technology; IF 2.047; 40th/128)
3. Suzita Ramli, Lim Li Yi, **Nik Iskandar Putra Samsudin** and Yaya Rukayadi. **(2017)**. Effect of *salam* (*Syzygium polyanthum* L.) leaves extract on the microorganism population in chicken meat and shrimp and their sensory acceptability. **International Food Research Journal** *in press*. Accepted March 2017. (Scopus-cited)
4. **Nik Iskandar Putra Samsudin**, Chern Pei Ern, Ng Chew Ting, Lechumi Panneerselvam, Phang Siew Yin, Tan Wei Theng and Nor Ainy Mahyudin. **(2017)**. *In vitro* antibacterial effect of crude medicinal plant extracts against ampicillin+penicillin-resistant *Staphylococcus aureus*. **International Food Research Journal** *in press*. Accepted February 2017. (Scopus-cited)
5. **Nik Iskandar Putra Samsudin**, Alicia Rodriguez, Angel Medina and Naresh Magan. **(2017)**. Efficacy of fungal and bacterial antagonists for controlling growth, *FUM1* gene expression and fumonisin B_1 production by *Fusarium verticillioides* on maize cobs of different ripening stages. **International Journal of Food Microbiology** 246: 72-79. (ISI Q1 Category Food Science and Technology; IF 3.339; 13th/128)
6. **Nik Iskandar Putra Samsudin**, Angel Medina and Naresh Magan. **(2016)**. Relationship between environmental conditions, carbon utilisation patterns and Niche Overlap Indices of the mycotoxigenic species *Fusarium verticillioides* and the biocontrol agent *Clonostachys rosea*. **Fungal Ecology** 24: 44-52. (ISI Q2 Category Mycology; IF 2.631; 10th/29)
7. **Nik Iskandar Putra Samsudin** and Naresh Magan. **(2016)**. Efficacy of potential biocontrol agents for control of *Fusarium verticillioides* and fumonisin B_1 under different environmental conditions. **World Mycotoxin Journal** 9: 205-213. (ISI Q2 Category Food Science and Technology; IF 2.189; 36th/128) (ISI Q3 Category Mycology; IF 2.091; 15th/29)
8. **Nik Iskandar Putra Samsudin** and Noorlidah Abdullah. **(2014).** Prevalence of viable *Monascus* van Tieghem species in fermented red rice (*Hong Qu Mi*) at consumer level in Selangor, Malaysia. **Journal of Biochemistry, Microbiology and Biotechnology** 2: 57-60. (Non-Scopus)
9. **Nik Iskandar Putra Samsudin** and Noorlidah Abdullah. **(2013)**. A preliminary survey on the occurrence of mycotoxigenic fungi and mycotoxins contaminating red rice at consumer level in Selangor, Malaysia. **Mycotoxin Research** 29: 89-96. (ISI Q3 Category Mycology; IF 2.000; 16th/29)

PROCEEDINGS

1. Siti Nur Ezzati Yazid, Norlia Mahror, Jinap Selamat and **Nik Iskandar Putra Samsudin**. **(2017)**. Formulation of Maize-Based Semi-Synthetic Growth Medium for the Ecophysiological Studies of Aflatoxigenic Aspergillus flavus in Maize Agro-Ecosystem. In the Abstracts of International Congress of the Malaysian Society for Microbiology, Bangi, **MALAYSIA**.
2. **Nik Iskandar Putra Samsudin**, Alicia Rodriguez, Angel Medina, and Naresh Magan. **(2016)**. Efficacy of fungal and bacterial antagonists for controlling growth, *FUM1* gene expression and fumonisin B_1 by *Fusarium verticillioides* on maize cobs of different ripening stages. In the Abstracts of 9th Conference of the World Mycotoxin Forum and 14th IUPAC International Symposium on Mycotoxins, Winnipeg, **CANADA**.
3. **Nik Iskandar Putra Samsudin** and Naresh Magan. **(2014).** Reduction in fumonisin B_1 biosynthesis by *Fusarium verticillioides* co-cultivated with different inoculum ratios of biological control agents *in vitro*. In the Abstracts of 10th International Mycological Congress, Bangkok, **THAILAND**.
   Received British Mycological Society (BMS) Postgraduate Travel Grant (£500).
4. **Nik Iskandar Putra Samsudin** and Naresh Magan. **(2014).** *In vitro* effects of ecophysiological factors and biological antagonism on *Fusarium verticillioides* growth and fumonisin B_1 production. In the Abstracts of Doctoral Training Centre Annual Conference on Environment, and Manufacturing and Materials, Cranfield, **ENGLAND**.
5. **Nik Iskandar Putra Samsudin**, Angel Medina and Naresh Magan. **(2013).** Screening of indigenous microflora of maize for biocontrol agents against *Fusarium verticillioides* growth *in vitro*. In the Abstracts of British Mycological Society Annual Scientific Meeting, Cardiff, **WALES**.
6. **Nik Iskandar Putra Samsudin**, Noorlidah Abdullah and Nazamid Saari. **(2011).** *Monascus* spp. and citrinin contamination in red rice at consumer level in Selangor, Malaysia. In the Abstracts of 1st Annual International Symposium of Mycology, Beijing**, CHINA**.
7. **Nik Iskandar Putra Samsudin** and Noorlidah Abdullah. **(2009).** Distribution of mycotoxigenic fungi on red rice (rice fermented with *Monascus purpureus*) at consumer level in Selangor, Malaysia. In the Abstracts of 1st International Congress of Malaysian Society for Microbiology, Penang, **MALAYSIA**.
8. Mohd. Noor Abdul Wahab, Norhani Abdullah, Tong Chow Chin, Wan Zuhainis Saad, Ilyiana Ismail, **Nik Iskandar Putra Samsudin**, Premadevi Subramaniam and Mahdi Shahriari Nour. **(2008).** Ligno-cellulolytic enzymes activity of *Ganoderma lucidum* (Lingzhi Mushroom) grown on oil palm empty fruit bunch. In the Proceedings of 30th Malaysian Microbiology Symposium, Pahang, **MALAYSIA**.
   Received 2nd Prize "MSM-ASM-BIOLOG Merit Award for Poster Presentation" for the category (General and Applied Microbiology).
9. Mahdi Shahriari Nour, Mohd. Noor Abdul Wahab, Arbakariya Ariff, Rosfarizan Mohamad and **Nik Iskandar Putra Samsudin**. **(2007).** Cellulase production by local fungal isolates using oil palm empty fruit bunch fibre as substrate. In the Abstracts of 29th Malaysian Microbiology Symposium, Terengganu, **MALAYSIA**.

H. PAST RESEARCH PROJECTS					
Project No.:	Project Title:	Member/Role:	Year:	Source:	Status:
UPM/700-2/1/CWGS/ 5489504	The verification of norms suitability for food handlers and kitchen infrastructures at boarding schools to avoid food poisoning	- Prof. Dr. Jinap Selamat (PI) - **Dr. Nik Iskandar Putra Samsudin** - Dr. Nuzul Noorahya Jambari	12 months (Nov 16 – Oct 17)	Skim Geran Penulisan Kes (Case Writing Grant Scheme), Ministry of Higher Education **RM10,000**	On-going
UPM/ITAFoS/ HICoE-2017/ FS10/ 6369106	Biocontrol of Mycotoxigenic Fungi and Mycotoxins Contamination in Corn	- **Dr. Nik Iskandar Putra Samsudin (PI)** - Prof. Dr. Jinap Selamat	3 years (Jan 17 – Dec 19)	Skim Geran Penyelidikan Pusat Kecemerlangan Berimpak Tinggi (Institut Pertanian Tropika dan Sekuriti Makanan) HICoE ITAFoS, UPM **RM169,000**	On-going
UPM/700-2/1/TRGS/ 5535704	Prevalence of Mycotoxins and Mycotoxigenic Microfungi on Commercial and Formulated Goat's Feed and Their Relationship with Toxin Carryover in Goat's Milk	- **Dr. Nik Iskandar Putra Samsudin (PI)** - Prof. Dr. Jinap Selamat	3 years (Dec 16 – Nov 19)	Skim Geran Penyelidikan Trans-Disciplinary (TRGS), Ministry of Higher Education **RM90,600**	On-going

I. PUBLISHING ID	
Scopus ID	**35801493100; Samsudin, N.I.P.**
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Google Scholar ID	**Nik Iskandar Putra Samsudin**