

CURRICULUM VITAE

PERSONAL DETAIL



Associate Prof. Dr. Fung Shin Yee

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ResearcherID Link <http://www.researcherid.com/rid/B-5393-2010> (<http://www.researcherid.com/rid/B-5393-2010>)

BIBLIOMETRIC DATA

Total Articles in Publication List	35 (http://www.researcherid.com/citation/B-5393-2010)
Articles With Citation Data	26 (http://www.researcherid.com/citation/B-5393-2010)
Sum of the Times Cited	181 (http://www.researcherid.com/citation/B-5393-2010)
Average Citations per Article	6.96 (http://www.researcherid.com/citation/B-5393-2010)
h-index	10 (http://www.researcherid.com/citation/B-5393-2010)
Co-authors	Collaboration Network (http://labs.researcherid.com/mashlets/rid/mashletsServer.jsp?rid=B-5393-2010&mid=CollaborationNetwork)
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BIOGRAPHY

Dr. Fung Shin Yee is a biochemist, receiving her degree from the University of Malaya. She actively pursues her interest in natural compounds focusing on medicinal mushrooms and snake venoms. She obtained her PhD in Molecular Medicine in 2008 (University of Malaya) embarking on a joint project with University of Siena, Italy and is a recipient of a fellowship from the Embassy of Italy in Malaysia (2003-2004). Dr. Fung first joined the Department of Molecular Medicine (previously known as the Department of Biochemistry) in 2000 as a tutor and in 2008, as a senior lecturer. She was promoted to be an Associate Professor in January 2015.

She leads the Medicinal Mushroom Research Group (MMRG) and has immense interest in the Malaysia's National Treasure, the Tiger Milk mushroom (*Lignosus* sp.) amongst other medicinal mushrooms. Her innovative work with *Lignosus* sp. has won her several prestigious prizes, and Malaysian patents. She is also part of the Venom and Toxin Research Group (VTRG) in the Department of Molecular Medicine that works on snake venom toxinology. Her research endeavours utilize a multidisciplinary approach in her methodology with multiple collaborators both local and international.

Her work has been published in many articles in international journals. More information can be obtained from www.facebook.com/um1mmrg

ACADEMIC QUALIFICATION

(Qualification), (Institution).

PhD(UM), UNIVERSITY OF MALAYA (UM)
MMedSc(UM), UNIVERSITY OF MALAYA (UM)
BSc(Hons), UNIVERSITY OF MALAYA (UM)

PROFESSIONAL

(Organisation), (Role), (Year), (Level).

GOLDEN KEY NATIONAL HONOR SOCIETY of MALAYSIA, Member, 1997, (International)
Malaysian Society of Molecular Biology and Biotechnology, Member, 2008, (National)
Malaysian Society of Biochemistry and Molecular Biology (MSBMB), Life Member, 2009 to 2041, (National)
INTERNATIONAL SOCIETY ON TOXINOLOGY, Member, 2011, (International)
Malaysian Society on Toxinology, Member, 2013, (National)
Malaysian Society on Toxinology, Honorary Treasurer, 2013, (National)
Malaysian Society on Toxinology, Honorary Treasurer, 2015, (National)
International Society for Mushroom Science, Member, 2015, (International)
Society of Chemical Industry (SCI), Member, 2017, (International)

ADMINISTRATIVE DUTIES

(Role), (Level), (Start date),(End Date).

Executive Council Member of Malaysian Society of Biochemistry and Molecular Biology 2011/2013, National,
Social and Publicity Committee Chair, Malaysian Society of Biochemistry and Molecular Biology Annual Conference 2012, National,
Special Functions Committee Chair, Malaysian Society of Biochemistry and Molecular Biology Annual Conference 2011, National, (Special Functions Committee, Malaysian Society of Biochemistry and Molecular Biology 2011)
Editorial Board Member- Malaysian Research University Network (Mrun), National, 12/07/2017 to 31/12/2017 (Editorial Board Member- Malaysian Research University Network (MRUN))
Interviewer - Mini Multiple Interviews , Ump Program 2017, University Malaya, 23/05/2017 to 24/05/2017 (Interviewer - Mini Multiple Interviews , UMMP Program , FOM, UM , 2017)
Ahli Jawatan Kuasa Ijazah Tinggi Jabatan, Department of Molecular Medicine, Faculty of Medicine, 01/02/2017 to 31/12/2017 (JKITJ)
Advisory Member of The 4th International Symposium On Asean Marine Animals & Snake Environment Envenoming (Poisoning) Management, Department of Molecular Medicine, Faculty of Medicine, 28/11/2016 to 01/12/2016 (ADVISORY MEMBER)
Faculty Member At The 4th International Asean Marine Animals and Snake Envenoming (Poisoning) Management 2016, Department of Molecular Medicine, Faculty of Medicine, 28/11/2016 to 01/12/2016 (Faculty Member)
Internal Auditor Department of Molecular Medicine, Department of Molecular Medicine, Faculty of Medicine, 10/11/2016 (Internal Auditor)
Course Coordinator - Pharmacy Mib1003, Department of Molecular Medicine, Faculty of Medicine, 01/11/2016 to 31/12/2017 (Biochemistry - MIB1003)

Acting Hod Department of Molecular Medicine, Department of Molecular Medicine, Faculty of Medicine, 13/09/2016 to 13/09/2016 (3/3/2016; 5, 8/8/2016; 13/9/2016, 13/12/2016)
Academic Advisor Satge 1 , Session 2016/2017, Department of Molecular Medicine, Faculty of Medicine, 26/08/2016 to 31/08/2017 (Academic Advisor UMMP Stage 1 , Cohort 2016/2017)
Reviewers' Panel (Panel Penilai) Ppp, Department of Molecular Medicine, Faculty of Medicine, 15/08/2016 to 30/09/2018 (Reviewers' Panel (Panel Penilai) PPP)
Panel Penilai Ppp Jabatan Perubatan Molekul, Department of Molecular Medicine, Faculty of Medicine, 12/08/2016 to 31/12/2016 (Panel Penilai PPP Jabatan Perubatan Molekul)
Interviewer - Mini Multiple Interviews , Umpm Program 2016, Department of Molecular Medicine, Faculty of Medicine, 23/05/2016 to 23/05/2016 (Interviewer - Mini Multiple Interviews , UMMP Program 2016)
Evaluation Panel Frgs Kpt 2016, Department of Molecular Medicine, Faculty of Medicine, 01/03/2016 to 30/04/2016 (evaluation of proposals)
Pembantu Koordinator Kursus Farmaseutikal, Department of Molecular Medicine, Faculty of Medicine, 04/02/2016 to 31/12/2016
Department Quality Manager, Department of Molecular Medicine, Faculty of Medicine, 01/01/2016 to 31/12/2016
Subcommittee Member - Funding Group, Department of Molecular Medicine, Faculty of Medicine, 01/10/2015 to 31/12/2016
Organizing Committee: Hon Treasurer - 1st Kuala Lumpur Workshop/Seminar/Course On Snakebite Envenoming Management (Sem), Department of Molecular Medicine, Faculty of Medicine, 27/04/2015 to 27/04/2015
Department Quality Manager (Dqm), Department of Molecular Medicine, Faculty of Medicine, 05/11/2014
Treasurer - Organizing Committee for International Symposium On Advanced Marine Animals & Snake Envenomation Management (Amsem) 2014, Department of Molecular Medicine, Faculty of Medicine, 02/09/2014 to 04/09/2014
Academic Advisor Phase I and Phase II MBBS Umpm, Department of Molecular Medicine, Faculty of Medicine, 01/09/2014 to 31/12/2016
Secretariat Malaysian Society of Biochemistry and Molecular Biology 39th Annual Conference , Sama Sama Hotel, Sepang., Department of Molecular Medicine, Faculty of Medicine, 25/06/2014 to 26/06/2014
Organiser : An Essential Introduction to Snakes, Venom & Envenomation , Mst Short Seminar Series I/2014, Department of Molecular Medicine, Faculty of Medicine, 19/03/2014 to 19/03/2014
Honorary Treasurer Malaysian Society On Toxinology, Department of Molecular Medicine, Faculty of Medicine, 01/10/2013
Executive Council Member of Malaysian Society of Biochemistry and Molecular Biology 2013/2015, Department of Molecular Medicine, Faculty of Medicine, 01/09/2013
Secretariat for Malaysian Soc of Molecular Biology and Biochemistry 38th Annual Conference, Department of Molecular Medicine, Faculty of Medicine, 28/08/2013 to 29/08/2013
Ahli Jawatankuasa Ijazah Tinggi Jabatan, Department of Molecular Medicine, Faculty of Medicine, 09/07/2013 to 30/11/2013
Scientific Committee, My1bio, Mosti, Department of Molecular Medicine, Faculty of Medicine, 30/10/2010 to 31/10/2010
Department Coordinator - E-Learning, Department of Molecular Medicine, Faculty of Medicine, 30/04/2010 (e-learning coordinator for MBBS (dept))
Organizing Committee of The 35th Annual Conference of The Malaysian Society of Biochemistry and Molecular Biology - Technical, Department of Molecular Medicine, Faculty of Medicine, 22/01/2010
Malaysian Society of Biochemistry and Molecular Biology - Executive Committee Member, Department of Molecular Medicine, Faculty of Medicine, 13/12/2009 to 12/11/2011
Quality Manager, Department of Molecular Medicine, Faculty of Medicine, 12/12/2009
Ahli Jawatankuasa Pembuka Dan Penilai Harga, Department of Molecular Medicine, Faculty of Medicine, 02/11/2009
Course Coordinator - Medical Laboratory Technology (Biochemistry), Department of Molecular Medicine, Faculty of Medicine, 01/03/2009 (Program Diploma MLT PPUM DipMLT 1011/1012)

Committee Member Post Graduate Club of Biochemistry Department, Faculty of Medicine, University of Malaya, Department of Molecular Medicine, Faculty of Medicine, 01/01/2002 to 31/12/2003

Chairperson Post Graduate Club of Biochemistry Department, Faculty of Medicine, University of Malaya, Department of Molecular Medicine, Faculty of Medicine, 01/01/2001 to 31/12/2002 ()

AREAS OF EXPERTISE

(Area).

Biological Sciences, (Toxinology Of Snake Venoms Protein Purification Technology Enzymology Biopharmaceuticals (Bioactive substances in tiger milk mushroom))

Protein, Enzymology, Immunochemistry

RECENT SELECTED PUBLICATIONS

(Publication).

Chapter in Book

2015

Shin Yee Fung and Nget Hong Tan (2015) Chapter 11: Fungal as a source of antitumor agent. In: "Fungal Biomolecules [Eds. Drs. V.K. Gupta (NUIG, Ireland), S. Sreenivasaprasad (University of Bedfordshire, UK) and R. Mach (TU, Vienna)], Wiley- Blackwell, England, pp 145-152

Tan, N.H., Fry, B.G., Sunagar, K. , Jackson, T.N.W., Reeks, T. and Fung, S.Y. (2014). Chapter 16: L-Amino Acid Oxidase: Enzymes. In: Fry B.G. ed. Venomous Reptiles And Their Toxins: Evolution, Pathophysiology and Biodiversity. 2014, Oxford University Press

2011

Tan, N.H., Fung, S.Y., Sim, S.M. (2011) Extracts of Cowhage (*Mucuna Pruriens*) Seeds and Anti-snake Venom Effects. In: Preedy VR, Watson, R.R. and Patel VB (Editors), Nuts and Seeds in Health and Disease Prevention (1st ed). Chapter 48, 401-408, London, Burlington, San Diego: Academic Press is an imprint of Elsevier, USA. ISBN: 9780123756886

2009

Nget-Hong, Tan & Shin-Yee Fung 2009, Snake venom L- amino acid oxidases. In: Handbook of Venoms and Toxins of Reptiles, Taylor and Francis/CRC Press

Article in Academic Journals

2017

Shin Yee Fung, Sook Shien Lee, Nget Hong Tan, Jayalakhsmi Pailoor (2017). Safety evaluation of sclerotium from a medicinal mushroom, *Lignosus cameronensis* (cultivar): Preclinical toxicology studies, *Frontiers in Pharmacology*; doi: 10.3389/fphar.2017.00594 (*ISI-Indexed*)

Fung, S.Y., Lee, S.S., Tan, N.H., Pailoor, J. (2017). Safety assessment of cultivated fruiting body of *Ophiocordyceps sinensis* evaluated through subacute toxicity in rats. *Journal of Ethnopharmacology* 206:236-244 (*ISI-Indexed*)

Yap, H.Y.Y., Muria-Gonzalez, M.J., Kong, B.H., Stubbs, K.A., Tan, C.S., Ng, S.T., Tan, N.H., Solomon, P.S., Fung, S.Y., Chooi, Y.H. (2017). Heterologous expression of cytotoxic sesquiterpenoids from the medicinal mushroom *Lignosus rhinocerotis* in yeast. *Microbial Cell Factories* 16:103 (*ISI-Indexed*)

Shin Yee Fung, Nget Hong Tan, Boon Hong Kong, Sook Shien Lee, Yee Shin Tan, Vikineswary Sabaratnam (2017) Acute toxicity study and the in vitro cytotoxicity of a medicinal mushroom *Amauroderma rugosum* (Blume & T. Nees) Torrend from Malaysia. *International Journal of Medicinal Mushroom* (accepted for publication) (*ISI-Indexed*)

2016

Esther Lai Har Tang , Choo Hock Tan , Shin Yee Fung , Nget Hong Tan (2016) Venomics of *Calloselasma rhodostoma*, the Malayan pit viper: A complex toxin arsenal unraveled, *Journal of Proteomics* (accepted for publication) (*ISI-Indexed*)

Vignesraaj Pushparajah, Ayesha Fatima, Chin Hung Chong, Thandeka Z Gambule, Chong Joo Chan, Szu Ting Ng, Chon Seng Tan, Shin Yee Fung, Sook Shien Lee, Nget Hong Tan, and Renee Lim (2016) Characterisation of a New Fungal Immunomodulatory protein from Tiger Milk mushroom, *Lignosus rhinocerotis*, *NATURE Scientific Reports* 6:30010 (*ISI-Indexed*)

Shin Yee Fung, Boon Hong Kong, Nget Hong Tan, Jayalakshmi Pailoor (2016) Sub-acute Toxicity Study of Tiger Milk Mushroom *Lignosus tigris* Chon S. Tan Cultivar E Sclerotium in Sprague Dawley Rats, *Frontiers in Pharmacology*, section *Ethnopharmacology* 7:246 doi: 10.3389/fphar.2016.00246 (*ISI-Indexed*)

Boon-Hong Kong, Nget-Hong Tan, Shin-Yee Fung, Jayalakshmi Pailoor, Chon-Seng Tan and Szu- Ting Ng. 2015. Nutritional composition, antioxidant properties and toxicology evaluation of the sclerotium of Tiger Milk Mushroom *Lignosus tigris* cultivar E, *Nutrition Research* 36: 174-183. (*ISI-Indexed*)

Shin Yee Fung; Choo Hock Tan; Michelle Khai Khun Yap; Poh Kuan Leong; Jia Lee Liew; Nget Hong Tan (2016) Unveiling the elusive and exotic: Venomics of the Malayan blue coral snake (*Calliophis bivirgata flaviceps*), *Journal of Proteomics* 132, 1-12 (*ISI-Indexed*)

Kae Yi Tan, Choo Hock Tan, Shin Yee Fung, Nget Hong Tan (2016) Neutralization of the principal toxins from the venoms of Thai *Naja kaouthia* and Malaysian *Hydrophis schistosus*: Insights into toxin-specific neutralization by two different antivenoms. *Toxins* 8:86 (*ISI-Indexed*)

Kae Yi Tan, Choo Hock Tan, Si Mui Sim, Shin Yee Fung, Nget Hong Tan (2016) Geographical Venom Variations of the Southeast Asian Monocled Cobra (*Naja kaouthia*): Venom-Induced Neuromuscular Depression and Antivenom Neutralization. *Comparative Biochemistry and Physiology Part C* 185-186:77-86 (*ISI-Indexed*)

Boon-Hong Kong, Nget-Hong Tan, Shin-Yee Fung, Jayalakshmi Pailoor, Chon-Seng Tan and Szu-Ting Ng (2016) Nutritional composition, antioxidant properties and toxicology evaluation of the sclerotium of Tiger Milk Mushroom *Lignosus tigris* cultivar E, *Nutrition Research* 174-183 (*ISI-Indexed*)

2015

Choo Hock Tan, Kae Yi Tan, Shin Yee Fung and Nget Hong Tan (2015) Venom-gland transcriptome and venom proteome of the Malaysian king cobra (*Ophiophagus hannah*), *BMC Genomics* 16{1}:687 (*ISI-Indexed*)

Michelle Khai Khun Yap, Nget Hong Tan, Si Mui Sim, Shin Yee Fung, Choo Hock Tan (2015). The effect of polyvalent antivenom on the pharmacokinetics of *Naja sputatrix* (Javan spitting cobra) venom in experimentally envenomed rabbits, *Basic & Clinical Pharmacology & Toxicology* (accepted for publication) (*ISI-Indexed*)

Kae Yi Tan, Choo Hock Tan, Shin Yee Fung, Nget Hong Tan (2015) Venomics, lethality and neutralization of *Naja kaouthia* (monocled cobra) venoms from three different geographical regions of Southeast Asia. *Journal of Proteomics* 120:105-125 (*ISI-Indexed*)

Poh Kuan Leong, Shin Yee Fung, Choo Hock Tan, Si Mui Sim and Nget Hong Tan (2015) Immunological cross-reactivity and neutralization of the principal toxins of *Naja sumatrana* and related cobra venoms by a Thai polyvalent antivenom (Neuro Polyvalent Snake Antivenom) *Acta Tropica* 149:86-93 (*ISI-Indexed*)

Nget Hong Tan, Shin Yee Fung, Kae Yi Tan, Michelle Khai Khun Yap, Christeine Ariarane Gnanathasan, Choo Hock Tan (2015) Functional venomics of the Sri Lankan Russell's viper (*Daboia russelii*) and its toxinological correlations. *Journal of Proteomics* 128: 403-423 (*ISI-Indexed*)

Hui-Yeng Y. Yap, Shin-Yee Fung, Szu-Ting Ng, Chon-Seng Tan, Nget-Hong Tan (2015) Shotgun proteomic analysis of tiger milk mushroom (*Lignosus rhinocerotis*) and the isolation of a cytotoxic fungal serine protease from its sclerotium, *Journal of Ethnopharmacology* 174(2015)437 -451 (*ISI-Indexed*)

Hui-Yeng Y Yap, Yit-Heng Chooi, Shin-Yee Fung, Szu- Ting Ng, Chon-Seng Tan, Nget-Hong Tan (2015) Transcriptome Analysis Revealed Highly Expressed Genes Encoding Secondary Metabolite Pathways and Small Cysteine-Rich Proteins in the Sclerotium of *Lignosus rhinocerotis*, *PLoS One* <http://dx.doi.org/10.1371/journal.pone.0143549> (*ISI-Indexed*)

Esther Lai-Har Tang, Jayakumar Rajarajeswaran, Shin Yee Fung, and M S Kanthimathi (2015) *Petroselinum crispum* has antioxidant properties, protects against DNA damage and inhibits proliferation and migration of cancer cells, *Journal of the Science of Food and Agriculture* , DOI 10.1002/jsfa.7078 (*ISI-Indexed*)

Choo Hock Tan, Nget Hong Tan, Si Mui Sim, Shin Yee Fung, Christeine Ariarane Gnanathan (2015) Proteomic investigation of Sri Lankan hump-nosed pit viper (*Hypnale hypnale*) venom. *Toxicon* 93(164-170) (*ISI-Indexed*)

Shin Yee Fung, Mui Li Lee, Nget Hong Tan (2015) Molecular Mechanism Of Cell Death Induced By King Cobra (*Ophiophagus hannah*) Venom L-Amino Acid Oxidase, *Toxicon* 96:38-45 (*ISI-Indexed*)

Hui-Yeng Yeannie Yap, Shin-Yee Fung, Szu-Ting Ng, Chon-Seng Tan, Nget-Hong Tan (2015) Genome-based Proteomic Analysis of *Lignosus rhinocerotis* (Cooke) Ryvarden Sclerotium, *International Journal of Medical Sciences* 12 (1):23-31 (*ISI-Indexed*)

2014

Shin Yee Fung, Si Mui Sim, Kandiah Jeyaseelan, Arunmozhiarasi Armugam, John Chinyere Aguiyi & Nget Hong Tan (2014) Prophylactic effect of *Mucuna pruriens* Linn (velvet bean) seed extract against experimental Naja sputatrix envenomation: Gene expression studies, *Indian Journal of Experimental Biology* 52(9):849-59 (*ISI-Indexed*)

Sook Shien Lee, Nget Hong Tan, Shin Yee Fung, Si Mui Sim, Chon Seng Tan, Szu Ting Ng (2014) Anti-inflammatory effect of the sclerotium of *Lignosus rhinocerotis* (Cooke) Ryvarden, the Tiger Milk mushroom, *BMC Complementary and Alternative Medicine* 14:359 (8 pages) (*ISI-Indexed*)

Hui-Yeng Yeannie Yap, Azlina Abdul Aziz, Shin-Yee Fung, Szu-Ting Ng, Chon-Seng Tan, Nget-Hong Tan (2014). Energy and Nutritional Composition of Tiger Milk Mushroom (*Lignosus tigris* C.S. Tan) Sclerotia and the Antioxidant Activity of Its Extracts, *International Journal of Medical Sciences* 11(6):602-607 (*ISI-Indexed*)

Yap, M.K.K., Tan, N.H., Sim, S.M., Fung, S.Y. and Tan, C.H. (2014). Pharmacokinetics of *Naja sumatrana* (Equatorial spitting cobra) venom and its major toxins in experimentally envenomed rabbits. *Plos Neglected Tropical Diseases*, 8, e2890 (*ISI-Indexed*)

Michelle KK Yap, SY Fung, KY Tan, NH Tan (2014) Proteomic characterization of venom of the medically important Southeast Asian *Naja sumatrana* (Equatorial spitting cobra), *Acta Tropica* 133:15-25 (*ISI-Indexed*)

Choo Hock Tan, Si Mui Sim, Christeine A Gnanathan, Shin Yee Fung, Nget Hong Tan (2014) Pharmacokinetics of the Sri Lankan Hump-nosed Pit Viper (*Hypnale hypnale*) Venom following intravenous and intramuscular injections of the venom into rabbits, *Toxicon* 79: 37-44 (*ISI-Indexed*)

Yeannie H. Y. Yap, Shin-Yee Fung, Nget-Hong Tan, Szu-Ting Ng and Chon-Seng Tan (2013). DNA Barcode Markers for Two New Species of Tiger Milk Mushrooms: *Lignosus tigris* C. S. Tan and *Lignosus cameronensis* C. S. Tan, *International Journal of Agriculture and Biology* 16:841-844 (*ISI-Indexed*)

Mui Li Lee, Shin Yee Fung, Ivy Chung, Jayalakshimi Pailoor, Swee Hung Cheah, Nget Hong Tan (2014) King Cobra (*Ophiophagus hannah*) Venom L-Amino Acid Oxidase Induces Apoptosis in 1 PC-3 Cells and Suppresses PC-3 Solid Tumor Growth in a Tumor Xenograft Mouse Model, *International Journal of Medical Sciences*, 11(6) 593-601 (*ISI-Indexed*)

Poh Kuan Leong, Choo Hock Tan, Si Mui Sim, Shin Yee Fung, Khomvilai Sumana, Visith Sitprija, Nget Hong Tan (2014). Cross Neutralization of Common Southeast Asian Viperid Venoms by a Thai Polyvalent Snake Antivenom (Hemato Polyvalent Snake Antivenom), *Acta Tropica* 132:7-14 (*ISI-Indexed*)

Hui-Yeng Y Yap, Yit-Heng Chooi, Mohd Firdaus-Raih, Shin-Yee Fung, Szu-Ting Ng, Chon-Seng Tan, Nget-Hong Tan (2014) The genome of the Tiger Milk mushroom, *Lignosus rhinocerotis*, provides insights into the genetic basis of its medicinal properties, *BMC Genomics* 15:635 (*ISI-Indexed*)

Mui Li Lee, Ivy Chung, Shin Yee Fung, M.S. Kanthimathi and Nget Hong Tan (2013) Antiproliferative activity of king cobra (*Ophiophagus hannah*) venom L-amino acid oxidase, *Basic & Clinical Pharmacology & Toxicology* 114 (4): 336-343 (*ISI-Indexed*)

2013

Esther LH Tang, Jayakumar Rajarajeswaran, Shin Yee Fung and M S Kanthimathi (2013) Antioxidant activity of *Coriandrum sativum* and protection against DNA damage and cancer cell migration. *BMC Complementary and Alternative Medicine* 2013, 13:347 doi:10.1186/1472-6882-13-347. (*ISI-Indexed*)

Yeannie HY Yap, Nget Hong Tan, Shin Yee Fung, Azlina A Aziz, Chon Seng Tan and Szu Ting Ng (2013) Nutrient composition, antioxidant properties, and anti-proliferative activity of wild type and cultivated strain of *Lignosus rhinocerus* Cooke (Tiger milk mushroom) sclerotium, *Journal of the Science of Food and Agriculture* 93(12):2945-2952 (*ISI-Indexed*)

Shin Yee Fung & Nget Hong Tan (2013). Isolation, characterization and antigenic cross-reactivities of the major hemorrhagin from *Cryptelytrops purpureomaculatus* venom. *Indian Journal of Experimental Biology*, vol 51, pp.1063-1069 (*ISI-Indexed*)

Michelle Khai Khun Yap, Nget Hong Tan, Si Mui Sim, Shin Yee Fung (2013) Toxicokinetics of *Naja sputatrix* (Javan spitting cobra) venom following intramuscular and intravenous administration of venom into rabbits, *Toxicon* 68, 18-23 (*ISI-Indexed*)

Sook Shien Lee, Francis Kanyan Enchang, Nget Hong Tan, Shin Yee Fung, Jayalakshmi Pailoor (2013) Preclinical toxicological evaluations of the sclerotium of *Lignosus rhinocerus* (Cooke), the Tiger Milk mushroom, *Journal of Ethnopharmacology*, 147 (157-163) (*ISI-Indexed*)

Si Mui Sim, Kamelia Saremi, Nget Hong Tan, Shin Yee Fung (2013) Pharmacokinetics of *Cryptelytrops purpureomaculatus* (mangrove pit viper) venom following intravenous and intramuscular injections in rabbits, *International Immunopharmacology* 17:997-1001 (*ISI-Indexed*)

2012

Tan, N.H. Fung, S.Y. and Yeannie Yap H.Y. (2012). Isolation and characterization of the thrombin-like enzyme from *Cryptelytrops albolabris* (white-lipped tree viper) venom. *Comp. Biochem. Physiol. B.* 161, 79-85. (*ISI-Indexed*)

Choo Hock Tan, Nget Hong Tan, Si Mui Sim, Shin Yee Fung, Pailoor Jayalashmi, Christeine Ariaratnam Gnanathanan. 2012. Nephrotoxicity of hump-nosed pit viper (*Hypnale hypnale*) venom in mice is preventable by the paraspecific Hemato polyvalent antivenom (HPA). *Toxicon*, 60:1259-1262 (*ISI-Indexed*)

Poh Kuan Leong, Si Mui Sim, Shin Yee Fung, Khomvilai Sumana, Visith Sitprijia, Nget Hong Tan (2012), Cross Neutralization of Afro-Asian Cobra and Asian Krait Venoms by a Thai Polyvalent Snake Antivenom (Neuro Polyvalent Snake Antivenom), *PLoS Neglected Tropical Diseases*, vol 6:6, e1672 (*ISI-Indexed*)

Leong, P.K., Tan, N.H., Fung, S.Y. and Sim, S.M. (2012). Cross neutralization of Southeast Asian cobra and krait venoms by Indian polyvalent antivenoms. *Trans Royal Soc Tropical Med.* 106, 731-737 (ISI- Cited Publication) (*ISI-Indexed*)

Shin Yee Fung, Nget Hong Tan, Si Mui Sim & John Chinyere Aguiyi 2011. Effects of *Mucuna pruriens* seed extract pretreatment on the responses of spontaneously beating rat atria and aortic ring to *Naja sputatrix* (Javan spitting cobra) venom. *Evidence-Based Complementary and Alternative Medicine*, Volume 2012, Article ID 486390, 6 pages (*ISI-Indexed*)

Choo Hock Tan, Nget Hong Tan, Si Mui Sim, Shin Yee Fung, Christeine Ariarane Gnanathanan; 2012. Immunological Properties of *Hypnale hypnale* (hump-nosed pit viper) venom: Antibody production with diagnostic and therapeutic potentials, *Acta Tropica*, Volume 122, Issue 3, June 2012, Pages 267-275 (*ISI-Indexed*)

Lee, M.L., Tan, N.H., Fung, S.Y., Tan, C.S. and Ng, S.T. (2012) The anti-proliferative activity of sclerotia of *Lignosus rhinocerus* (tiger milk mushroom). *Evidence- Based Complementary and Alternative Medicine* Volume 2012 (2012), Article ID 697603, 5 pages doi:10.1155/2012/697603 (*ISI-Indexed*)

2011

Lee, M.L., Tan, N.H., Fung, S.Y. and Shamala, D.S. (2011). Antibacterial action of a heat-stable form of L-amino acid oxidase isolated from king cobra (*Ophiophagus hannah*) venom. *Comp. Biochem. Physiology, C.* 153, 237-242 (*ISI-Indexed*)

S.S. Lee, N.H. Tan, S.Y. Fung, J. Pailoor, S.M. Sim (2011) Evaluation of the sub-acute toxicity of the sclerotium of *Lignosus rhinocerus* (Cooke), the Tiger Milk mushroom, *Journal of Ethnopharmacology*, 138:192-200 (*ISI-Indexed*)

Yap, Michelle KK, Tan, N.H. and Fung, S.Y. (2011) Biochemical and toxinological characterization of *Naja sumatrana* (Equatorial spitting cobra) venom, *J Venom Anim Toxins incl Trop Dis* 17:4, 451-459 (*ISI-Indexed*)

Tan, C.H., Fung, S.Y. Ponnudurai, G., Ariaratnam, C.A., Sim, S.M., Tan, N.H. (2011). Enzymatic and toxinological activities of *Hypnale hypnale* (hump-nosed pit viper) venom and its fractionation by ion exchange high performance liquid chromatography. *J. Venom. Anim. Toxins Incl. Trop. Med.* 17:4, 473-485 (*ISI-Indexed*)

CH Tan, PK Leong, SY Fung, SM Sim, G Ponnudurai, C Ariaratnam, S Khomvilai, V Sitprijia, NH Tan 2011. Cross neutralization of *Hypnale hypnale* (hump-nosed pit viper) venom by polyvalent and monovalent Malayan pit viper antivenoms in vitro and in a rodent model, *Acta Tropica*, 117, 119-124 (*ISI-Indexed*)

SY Fung, NH Tan, SM Sim, Marinello E, Guerranti R, Aguiyi JC (2011), *Mucuna pruriens* seed extract pretreatment protects against the cardiorespiratory and neuromuscular depression effects of *Naja sputatrix* venom in rats, *IJEB*, Vol 49, pp254-259 (*ISI-Indexed*)

2010

Tan, N.H., Fung, S.Y. and Ponnudurai, G. (2010). Enzymatic and immunological properties of Bungarus flaviceps (red-headed krait) venom. *J. Venom. Anim. Toxins Incl. Trop.Med.* 16(1), 147-154 (*ISI-Indexed*)

S.Y. Fung, N.H. Tan, and S.M. Sim (2010), Protective effects of *Mucuna pruriens* seed extract pretreatment against cardiovascular and respiratory depressant effects of *Calloselasma rhodostoma* (Malayan pit viper) venom in rats, *Tropical Biomedicine*, 27(3):366-372 (*ISI-Indexed*)

2009

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The protective effect of *Mucuna pruriens* seed against snake venom poisoning : Gene expression studies (2007), Tan, N.H., Fung, S.Y., Marinello, E., Guerranti, R., Jeyaseelan, K., Armugam, A., Aguiyi, J., *The FEBS Journal* 2745:298

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Effect of pretreatment with *Mucuna pruriens* seed extract on the pharmacological effects of *Naja naja sputatrix* (Malayan cobra) venom in rats, Sim, S.M1., Fung, S.Y.1, Tan, N.H.1, Marinello, E2, Roberto, G2, Aguiyi, J.C.3, 1University of Malaya, Kuala Lumpur, Malaysia, 2University of Siena, Siena, Italy, 3 University of Jos, Jos, Nigeria *Acta Pharmacologica Sinica*, s1, p326 (*ISI-Indexed*)

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2002

A Hemorrhagic Toxin from the venom of *Trimeresurus purpureomaculatus* Snake (Mangrove Pit Viper), S.Y. Fung and N. H. Tan, Department of Biochemistry, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia *The Federation of European Biochemical Societies Journal*, Volume 269, pg 99 (*ISI-Indexed*)

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Tan , Nget Hong, Fung, Shin Yee, Sim, S.M., Yap, Michelle, K.K., Biomedical and pharmacological studies on *Mucuna pruriens* components and snake venom, National Biotech Seminar, Putra World Trade Centre, Kuala Lumpur, Malaysia

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Lee, M.L., Fung, S.Y., Kanthimathi, M.S., Shamala, D., and Tan, N.H. (2010). Cytotoxicity of king cobra (*Ophiophagus hannah*) venom L-amino acid oxidase. Paper presented at the 35th FEBS Congress, June 26th - July 1st, 2010, Goteborg, Sweden.

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Fung Shin Yee, Tan Nget Hong, Tan Choo Hock, Sim Si Mui. 2009. Pathway Analysis of differently expressed genes in heart of rat injected with lethal dose of naja sputatrix (Malayan cobra) snake venom. 18th Scientific Meeting of the Malaysian Society for Molecular Biology and Biotechnology, PP015, pp.39

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Neutralization of lethality of some snake venoms by antibodies raised against *Mucuna pruriens* seed extract (2008), S.Y.Fung, N.H. Tan and S.M. Sim, Global Issues in Clinical Toxinology 2008 Conference, The University of Melbourne, November 2008

S.Y. Fung, N.H.Tan, S.M. Sim (2008).Histological studies on the protective effect of Mucuna pruriens seed extract against damages caused by Naja naja sputatrix venom, 32nd Annual Conference of the Malaysian Society of Biochemistry and Molecular Biology

The prophylactic effect of Mucuna pruriens seed extract against toxic actions caused by Naja naja sputatrix venom genetic expression studies, N.H. Tan, S.Y. Fung, S.M. Sim, 17th Annual Conference of the Malaysian Society of Molecular Biology and Biotechnology, Kuala Lumpur, June 2008.

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The Prophylactic Effect of Mucuna pruriens seed extract against Naja naja sputatrix (Malayan cobra) venom : Gene expression studies, N.H. Tan, S.Y. Fung, K. Jeyaseelan, A. Armugam, S.M. Sim, E. Marinello, R. Guerranti and J.C. Aguiyi, 32nd Annual Conference of the Malaysian Society of Biochemistry and Molecular Biology, Petaling Jaya, September 2007, pp. 103

Effect of Mucuna pruriens pretreatment on the actions of Naja naja sputatrix (Malayan cobra) venom on rat aortic rings and spontaneously beating rat atria, S.M. Sim, S.Y. Fung and N.H. Tan, 10th Southeast Asian Western Pacific Regional Meeting of Pharmacologist (SEAWP-RMP) jointly with 41st Annual Scientific Meeting of the Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists (ASCEPT), Adelaide, South Australia, 3-7 Dec 2007, Abstract (Poster 3-95).

2006

Does Mucuna pruriens seed extract protect against the cardiovascular and neuromuscular depressant effects of Naja naja sputatrix and Calloselasma rhodostoma venoms in rats? , Sim, S.M1., Fung, S.Y.1, Tan, N.H.1, Marinello, E2,Roberto, G2, Aguiyi, J.C.3, 1University of Malaya, Kuala Lumpur, Malaysia, 2University of Siena, Siena, Italy, 3 University of Jos, Jos, Nigeria ζ Presented in the UM 2006 Research, Invention and Innovation Expo, Kuala Lumpur, Malaysia, July 2006 (Awarded Silver Medal of the Life Science Category)

2003

Epitope Mapping of Rhodostoxin, the major hemorrhagin from Calloselasma rhodostoma venom, Tan, N.H1., Fung, S.Y1., Ponnudurai, G.2 and Chung, M.C.M3., 1Department of Molecular Medicine, University of Malaya, Kuala Lumpur, Malaysia; 2International Medical University, Commonwealth Plaza, Bukit Jalil, Kuala Lumpur, Malaysia; 3Department of Biochemistry and Bioprocessing Technology Unit, National University of Singapore, Kent Ridge, Singapore Presented in the Malaysia s Science and Technology Expo 2003, Kuala Lumpur, Malaysia, August 2003

Immunological properties of Thrombin-like enzymes from Trimeresurus purpureomaculatus and Trimeresurus albolabris, Tan, N.H., Fung, S.Y. and Lu, G.J., Department of Molecular Medicine, Faculty of Medicine, University of Malaya, Kuala Lumpur (28th Annual Conference of the Malaysian Society for Biochemistry and Molecular Biology, 2003)

2002

Student Performance Assessment in a Hybrid PBL Program, Sim, S.M., Azila, N.M.A., Tan, N.H., Atiya, A. S., Fung, S. Y. and Tan, C. P.L., Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia Presented at the 4th Asia-Pacific Conference on Problem Based Learning, Hatyai, Thailand, December 2002

2001

Immunological Studies on Maculatoxin, the major hemorrhagin from Trimeresurus purpureomaculatus (Mangrove Pit Viper Venom), Tan, N.H. and Fung, S.Y., Department of Biochemistry, Faculty of Medicine, University of Malaya, Kuala Lumpur -- Poster presentation (26th Annual Conference of the Malaysian Society for Biochemistry and Molecular Biology, 2001)

2000

Isolation of Maculatoxin, the major hemorrhagin from Trimeresurus purpureomaculatus (Mangrove Pit Viper Venom), Tan, N.H. and Fung, S.Y., Department of Biochemistry, Faculty of Medicine, University of Malaya, Kuala Lumpur ζ Poster presentation (25th Annual Conference of the Malaysian Society for Biochemistry and Molecular Biology, 2000)

Mass Media(Newspaper, Radio, Tv, Popular Magazine)

2008

TVIQ Keep It Wild, Astro 2008 November 12th

Other Media(Tape, Video, Internet)

2017

Medicinal properties of Tiger Milk Mushroom (TM02), Medicine News, Asia Research News , Article Released Thu-9th-March-2017

AREAS OF RESEARCH

(Project title), (Role), (From)-(Until), (Level), (Source).

Comparative Functional Proteomics Of The Venoms Of Wagler's Pit Viper (<i>tropidolaemus Wagleri</i>), Principal Investigator(PI), 2015 - 2017, <i>Geran Penyelidikan Universiti Malaya (UMRG) - AFR (Frontier Science)</i> , (University)
Comparative Functional Proteomics Of The Venoms Of Wagler's Pit Viper (<i>tropidolaemus Wagleri</i>), Consultant, 2015 - 2017, <i>Geran Penyelidikan Universiti Malaya (UMRG) - AFR (Frontier Science)</i> , (University)
Venomomics of South East Asian Pit Viper (Viperid) Venoms, Principal Investigator(PI), 2015 - 2016, <i>Geran Penyelidikan Universiti Malaya (UMRG)</i> , (National)
Venomomics of South East Asian Pit Viper (Viperid) Venoms, Principal Investigator(PI), 2015 - 2017, <i>Geran Penyelidikan Universiti Malaya (UMRG) - AFR (Frontier Science)</i> , (University)
Transcriptomic And Proteomic Characterization Of Tiger Milk Mushroom Proteins And Identification And Characterization Of The Bioactive Proteins, Principal Investigator(PI), 2014 - 2017, <i>Fundamental Research Grant Scheme (FRGS)</i> , (National)
A new antivenomics approach using isobaric tagging based shotgun quantitative proteomics to investigate immuno-reactivity of venoms from selected Asian venomous snakes, Consultant, 2014 - 2016, <i>Geran Penyelidikan Universiti Malaya (UMRG) - AFR (Frontier Science)</i> , (University)
Comparative Proteomic And Immunological Studies Of The Venoms Of Southeast Asian Monocled Cobra (<i>naja Kaouthia</i>) From Different Geographical Regions, Consultant, 2013 - 2015, <i>Geran Penyelidikan Universiti Malaya (UMRG) - HTM (Wellness)</i> , (University)
Investigation of the cytotoxic action of a bioactive protein (L-amino acid oxidase) from Malaysian king cobra venom., Consultant, 2013 - 2014, <i>Geran Penyelidikan Universiti Malaya (UMRG) - AFR (Frontier Science)</i> , (University)
Investigation of the cytotoxic action of a bioactive protein (L-amino acid oxidase) from Malaysian king cobra venom., Consultant, 2012 - 2014, <i>Geran Penyelidikan Universiti Malaya (UMRG) - HTM (Wellness)</i> , (University)
Pharmacokinetic of bioactive substance from medically important Asiatic viperid venoms, Principal Investigator(PI), 2012 - 2014, <i>Geran Penyelidikan Universiti Malaya (UMRG) - HTM (Wellness)</i> , (University)
BIOPHARMACOLOGICAL STUDIES OF "TIGER MILK" MUSHROOM (<i>LIGNOSUS RHINOCERUS</i>), , 2010 - 2011, <i>Postgraduate Research Grant (PPP) - Research</i> , (National)
SERUM KINETICS OF MALAYAN COBRA (<i>NAJA SPUTATRIX</i>) VENOM AND ANTIVENOMS, , 2010 - 2011, <i>Postgraduate Research Grant (PPP) - Research</i> , (National)
Glycoproteomic analysis of human and mammalian milk : a lectin-based approach, Co-Investigator, 2010 - 2012, <i>Fundamental Research Grant Scheme (FRGS)</i> , (National)
GENE EXPRESSION STUDIES OF THE CYTOTOXIC ACTION OF L-AMINO ACID OXIDASE ISOLATED FROM OPHIOPHAGUS HANNAH (KING COBRA) VENOM, , 2010 - 2011, <i>Postgraduate Research Grant (PPP) - Research</i> , (National)
Pharmacological characterisation of the protective activity of <i>Mucuna pruriens</i> seed against the cardiovascular and neuromuscular depressant effects of snake venoms, Co-Investigator, 2009 - 2012, <i>Geran Penyelidikan Universiti Malaya (UMRG)</i> , (National)

The Use of Antibodies Raised Against Mucuna Pruriens Seed Proteins In the Treatment of Snake Envenomation, Principal Investigator(PI), 2009 - 2012, <i>Geran Penyelidikan Universiti Malaya (UMRG)</i> , (National)
THE USE OF ANTIBODIES RAISED AGAINST MUCUNA PRURIENS SEED PROTEINS IN THE TREATMENT OF SNAKE ENVENOMATION, Principal Investigator(PI), 2009 - 2011, <i>Geran Penyelidikan Universiti Malaya (UMRG)</i> , (National)
The Use of Antibodies raised against Mucuna pruriens seed proteins in the treatment of snake envenomation, Co-Investigator, 2007 - 2008, <i>Short Term Research Fund (Vote F)(PJP)</i> , (National)
THE USE OF ANTIBODIES RAISED AGAINST MUCUNA PRURIENS SEED PROTEINS IN THE TREATMENT OF SNAKE ENVENOMATION, Principal Investigator(PI), 2007 - 2009, <i>RU Geran</i> , (National)
Snake venom, antivenom

AWARDS AND RECOGNITIONS

(Name of Award), (Awarding Institution), (Year Awarded), (Level).

Certificate of Appreciation : Honorary Treasurer 2015-2017 Malaysian Society On Toxinology, Malaysian Society On Toxinology, 2017, (National)
Certificate of Achievement: Highest Impact Factor in Web of Science (Wos) 2016, Department of Molecular Medicine, 2016, (Department)
Certificate of Appreciation : Writing Effective Exam Question Workshop 2016, Department of Molecular Medicine, Faculty of Medicine, 2016, (Department)
Certificate of Excellent Service, University Malaya, 2016, (University)
Certificate of Appreciation - H Index and Citation Workshop, Department of Molecular Medicine, Faculty of Medicine, University of Malaya, 2016, (International)
Sijil Perkhidmatan Cemerlang 2016, University of Malaya, 2016, (International)
Certificate of Achievement - Publishing a Research Article in Wos With The Highest Impact Factor, Department of Molecular Medicine, Faculty of Medicine, University of Malaya, 2015, (International)
Certificate of Appreciation, Department of Molecular Medicine, Faculty of Medicine, University of Malaya, 2015, (International)
Certificate of Appreciation - Secretariat (Organizing Committee) 1st Snake Envenomation Management (Sem) Rehabilitation Hospital Cheras, Kuala Lumpur, Malaysian Society On Toxinology, 2015, (National)
Certificate of Appreciation, Ligno Biotech Sdn Bhd, 2015, (International)
Certificate of Appreciation for Contribution - Honorary Treasurer of Malaysian Society On Toxinology 2013-2015, Malaysian Society On Toxinology, 2015, (International)
Excellence Service Award, University Malaya, 2014, (University)
Certificate of Appreciation, Ligno Biotech Sdn Bhd, 2014, (International)
Certificate of Attendance, Malaysian Society On Toxinology, 2014, (National)
Certificate of Participation University of Malaya Researcher'S Conference 2013, University of Malaya, 2013, (University)
Best Poster Award in The University of Malaya Researchers' Conference 2013, University of Malaya, 2013, (University)
Best Poster Award in Conjunction With The 38th Malaysian Society of Biochemistry and Molecular Biology Annual Conference, Malaysian Society of Biochemistry and Molecular Biology, 2013, (National)
Special Award : Prix Du Salon International Des Inventions De Geneva, Salon International Des Inventions De Geneva, Itex, Minds, 2011, (International)
Itex Gold Medal At The 22nd International Invention, Innovation & Technology Exhibition (Itex 2011), Ministry of Science, Technology and Innovation, Minds, 2011, (International)
Best Poster Award, Malaysian Society of Biochemistry and Molecular Biology Conference, 2010, (National)

Best Oral Presentation, Malaysian Society of Pharmacology and Physiology, 2010, (National)
3rd Prize - Best Poster Award, 18th Scientific Meeting of Msmbb, 2009, (National)
Silver Medal of The Life Science Category, University of Malaya, 2006, (University)
Recipient of The Italian Scholarship, Embassy of Italy, 2005, (International)
Recipient of The Italian Scholarship, Embassy of Italy, 2004, (International)
University Book Prize, University of Malaya, 1999, (University)

PRESENTATIONS

(Title), (Event), (Date Presented), (Organiser), (Level).

PRESENTER
Isolation of Maculatoxin, the major hemorrhagin from <i>Trimeresurus purpureomaculatus</i> (Mangrove Pit Viper Venom), Annual Conference of the Malaysian Society for Biochemistry and Molecular Biology, 2000-12-01 to , (National)
Immunological Studies on Maculatoxin, the major hemorrhagin from <i>Trimeresurus purpureomaculatus</i> (Mangrove Pit Viper Venom), 26th Annual Conference of the Malaysian Society for Biochemistry and Molecular Biology, 2001-12-01 to , (National)
Student Performance Assessment in a Hybrid PBL Program, 4th Asia-Pacific Conference on Problem Based Learning, 2002-12-01 to , (International)
Immunological properties of Thrombin-like enzymes from <i>Trimeresurus purpureomaculatus</i> and <i>Trimeresurus albolabris</i> , 28th Annual Conference of the Malaysian Society for Biochemistry and Molecular Biology, 2003-12-01 to , (National)
Epitope Mapping of Rhodostoxin, the major hemorrhagin from <i>Calloselasma rhodostoma</i> venom, Malaysia s Science and Technology Expo 2003, 2003-12-01 to , (National)
Does <i>Mucuna pruriens</i> seed extract protect against the cardiovascular and neuromuscular depressant effects of <i>Naja naja sputatrix</i> and <i>Calloselasma rhodostoma</i> venoms in rats? (Silver Medalist), UM 2006 Research, Invention and Innovation Expo, 2006-12-01 to , (National)
The Prophylactic Effect of <i>Mucuna pruriens</i> seed extract against <i>Naja naja sputatrix</i> (Malayan cobra) venom : Gene expression studies, 32nd Annual Conference of the Malaysian Society of Biochemistry and Molecular Biology, 2007-12-01 to , (National)
Effect of <i>Mucuna pruriens</i> pretreatment on the actions of <i>Naja naja sputatrix</i> (Malayan cobra) venom on rat aortic rings and spontaneously beating rat atria, 10th Southeast Asian Western Pacific Regional Meeting of Pharmacologist (SEAWP-RMP) jointly with 41st Annual Scientific Meeting of the Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists (ASCEPT), 2007-12-01 to , (International)
The prophylactic effect of <i>Mucuna pruriens</i> seed extract against toxic actions caused by <i>Naja naja sputatrix</i> venom genetic expression studies, 17th Annual Conference of the Malaysian Society of Molecular Biology and Biotechnology, 2008-12-01 to , (National)
Neutralization of lethalties of some snake venoms by antibodies raised against <i>Mucuna pruriens</i> seed extract, Global Issues in Clinical Toxinology 2008 Conference, 2008-12-01 to , (International)
Histological studies on the protective effect of <i>Mucuna pruriens</i> seed extract against damages caused by <i>Naja naja sputatrix</i> venom, 32nd Annual Conference of the Malaysian Society of Biochemistry and Molecular Biology , 2008-12-01 to , (National)
Pathway analysis of differently expressed genes in heart of rat injected with lethal dose of <i>Naja sputatrix</i> (Malayan cobra) snake venom (Best Poster Award - 3rd Prize), 18th Annual Conference of the Malaysian Society of Molecular Biology and Biotechnology, 2009-08-18 to 2009-08-20, Malaysian Society of Molecular Biology and Biotechnology, (National)
A Malaysian Traditional Medicine For Cancer Treatment: "Cendawan Susu harimau" (<i>Lignosus rhinocerus</i>), UK-Malaysia Symposium on Drug Discovery and Development for Cancer, 2010-02-24 to 2010-02-25, (International)
Enzymatic and pharmacological activities of <i>Merrem s humped-nose pit viper</i> (<i>Hypnale hypnale</i>) venom and its neutralization by a commercial antivenom. , Malaysian Society of Pharmacology and Physiology Scientific Meeting, 2010-06-02 to 2010-06-03, Malaysian Society of Pharmacology and Physiology Scientific Society, (National)

Cytotoxicity of king cobra (*Ophiophagus hannah*) venom L-amino acid oxidase., 35th FEBS Congress, 2010-06-25 to 2010-07-02, (International)

Investigation on the anticancer properties and subacute toxicity of cultivated tiger milk mushroom (*Lignosus rhinocerus*), 35th FEBS Congress, 2010-06-25 to 2010-07-02, (International)

Pre-Commercialization of 'Cendawan Susu Harimau' (*Lignosus Rhinocerus*), International Invention , Innovation & Technology Exhibition (ITEX 2011), 2011-05-20 to 2011-05-22, MOSTI, MINDS, (International)

INVITED SPEAKER

Mushroom Extract for Use in the Treatment of Cancer; *Lignosus Rhinocerus* (Tiger-Milk Mushroom) as Anti-Inflammatory Agent, MTDC Symbiosis Conference 2015, 2015-12-04 to 2015-12-04, UMCIC-MTDC, (National)

Protein Separation and Analysis, GE Life Science Day, 2016-07-19 to 2016-07-19, GE Malaysia and Chemoscience, (National)

PLEANARY/KEYNOTE SPEAKER

Biochemistry and Toxinology of Snake Venoms, ASEAN Marine Animals & Snake Envenoming (Poisoning) Management - AMSEM 2016, 2016-11-28 to 2016-12-01, Malaysian Society on Toxinology, (International)

POSTER

Neutralizing potencies of two snake antivenoms against the lethality and pharmacological activities of different Malaysian pit viper venoms, Malaysian Society of Pharmacology and Physiology Scientific Meeting, 2010-06-02 to 2010-06-03, Malaysian Society of Pharmacology and Physiology, (National)

INVESTIGATION ON SUBACUTE TOXICITY OF CULTIVATED TIGER-MILK MUSHROOM (*Lignosus rhinocerus*), 35th Annual Conference of the MSBMB, 2010-07-27 to 2010-07-28, MSBMB and CARIF, (National)

SERUM KINETICS OF NAJA SPUTATRIX (SPITTING COBRA) VENOM IN RABBIT AND IMMUNOLOGICAL RESPONSES IN RABBITS IMMUNIZED WITH NAJA SPUTATRIX VENOM AND VENOM COMPONENTS, 35th Annual Conference of the MSBMB, 2010-07-27 to 2010-07-28, MSBMB and CARIF, (National)

CYTOTOXICITY AND ANTIBACTERIAL EFFECTS OF L-AMINO ACID OXIDASE FROM KING COBRA (*Ophiophagus hannah*) VENOM, 4th International Conference on Natural Toxins , 2010-12-20 to 2010-12-22, Egyptian Society of Natural Toxins, (International)

Neutralising potencies of two new polyvalent snake antivenoms against venoms of some medically important snakes in Southeast Asia (SEA), The 11th Southeast Asian Western Pacific Regional Meeting of Pharmacologist, 2011-03-22 to 2011-03-24, The Japanese Pharmacological Society, (International)

Pharmacokinetics of *Naja sputatrix* (Spitting Cobra) venom in rabbits, The 11th Southeast Asian Western Pacific Regional Meeting of Pharmacologist, 2011-03-22 to 2011-03-24, The Japanese Pharmacological Society, (International)

Evaluation of the subacute toxicity of *Lignosus rhinocerus* cultivars, The 11th Southeast Asian Western Pacific Regional Meeting of Pharmacologist, 2011-03-22 to 2011-03-24, The Japanese Pharmacological Society, (International)

EVALUATION OF THE ANTIOXIDANT ACTIVITY IN *LIGNOSUS* SPP., Malaysian Society of Biochemistry and Molecular Biology Annual Conference, 2011-07-27 to 2011-07-28, Malaysian Society of Biochemistry and Molecular Biology, (National)

CHARACTERIZATION OF TWO POLYVALENT ANTIVENOMS FROM INDIA, Malaysian Society of Biochemistry and Molecular Biology Annual Conference, 2011-07-27 to 2011-07-28, Malaysian Society of Biochemistry and Molecular Biology, (National)

A preliminary study on the mammalian milk proteome profile using two dimensional gel electrophoresis, Malaysian Society of Biochemistry and Molecular Biology Annual Conference, 2011-07-27 to 2011-07-28, Malaysian Society of Biochemistry and Molecular Biology, (National)

ISOLATION AND PRELIMINARY CHARACTERIZATION OF THE MAJOR PHOSPHOLIPASE A2 FROM ASIAN LANCE-HEADED PIT VIPER (*CRYPTELYTROPUS PURPUREOMACULATUS*) VENOM, Malaysian Society of Biochemistry and Molecular Biology Annual Conference, 2011-07-27 to 2011-07-28, Malaysian Society of Biochemistry and Molecular Biology, (National)

BIOCHEMICAL AND TOXINOLOGICAL STUDIES OF NAJA SUMATRANA (EQUATORIAL SPITTING COBRA) VENOM, Malaysian Society of Biochemistry and Molecular Biology Annual Conference, 2011-07-27 to 2011-07-28, Malaysian Society of Biochemistry and Molecular Biology, (National)

TIGER MILK MUSHROOM (<i>Lignosus rhinocerus</i>): NUTRITIONAL CONTENT AND ASSESSMENT OF ITS SAFETY BY HISTOLOGICAL EXAMINATION OF VITAL ORGANS OF RATS FED WITH THE SCLEROTIAL POWDER, Malaysian Society of Biochemistry and Molecular Biology Annual Conference, 2011-07-27 to 2011-07-28, Malaysian Society of Biochemistry and Molecular Biology, (National)
CYTOTOXIC ACTIVITIES OF <i>Coriandrum sativum</i> AND <i>Petroselinum crispum</i> AGAINST CANCER CELL LINES, Malaysian Society of Biochemistry and Molecular Biology Annual Conference, 2011-07-27 to 2011-07-28, Malaysian Society of Biochemistry and Molecular Biology, (National)
Pharmacokinetics of <i>Naja sputatrix</i> (Javan spitting cobra) venom and the effect of a neurotoxic polyvalent antivenom, 17th Congress of EU section of International Society of Toxinology, 2011-09-11 to 2011-09-15, International Society of Toxinology, (International)
Cross Neutralization of Some Southeast Asian Cobra and Krait Venoms by Indian Polyvalent Antivenoms. , 17th Congress of EU section of International Society of Toxinology, 2011-09-11 to 2011-09-15, International Society of Toxinology, (International)
Toxinology and immunological characterization of the Sri Lanka hump-nosed pit viper (<i>Hypnale hypnale</i>) venom, 17th Congress of EU section of International Society of Toxinology, 2011-09-11 to 2011-09-15, International Society of Toxinology, (International)
ANTIOXIDANT CONTENT AND ACTIVITIES OF <i>Coriandrum sativum</i> AND <i>Petroselinum crispum</i> , International Conference on natural Products (INCP) 2011, 2011-11-14 to 2011-11-15, UPM, CARIF, MNPS, UKM, (International)
<i>Coriandrum sativum</i> and <i>Petroselinum crispum</i> inhibit cancer cell migration and protect against hydrogen peroxide-induced DNA damage, 37th Annual Conference of the Malaysian Society for Biochemistry and Molecular Biology, 2012-07-18 to 2012-07-19, Malaysian Society for Biochemistry and Molecular Biology, (National)
Molecular Phylogeny of <i>Lignosus rhinocerus</i> (Tiger Milk Mushroom) based on complete 18S and 28S ribosomal DNA sequences, ISMS 18, 2012-08-26 to 2012-08-30, International Society for Mushroom Science, (International)
Discovery of a new Tiger Milk Mushroom Species from Malaysia, <i>Lignosus cameronensis</i> , ISMS 18, 2012-08-26 to 2012-08-30, International Society For Mushroom Science, (International)
Anti-proliferative activity of Tiger Milk Mushroom (<i>Lignosus rhinocerus</i>) and gene expression alterations of MCF-7 Breast cancer cells induced by treatment with the mushroom extract, ISMS 18, 2012-08-26 to 2012-08-30, International Society for Mushroom Science, (International)
Evaluations of the potential teratogenic and anti-fertility effects of <i>Lignosus rhinocerus</i> (tiger milk mushroom) in rats, ISMS 18, 2012-08-26 to 2012-08-30, International Society for Mushroom Science, (International)
Evaluation of antioxidant activity of <i>Lignosus rhinocerus</i> (Tiger Milk Mushroom) sclerotia, ISMS 18, 2012-08-26 to 2012-08-30, International Society for Mushroom Science, (International)
Anti-inflammatory activity of <i>Lignosus rhinocerus</i> (tiger milk mushroom), ISMS 18, 2012-08-26 to 2012-08-30, International Society for Mushroom Science, (International)
ANTI-INFLAMMATORY EFFECT OF THE CULTIVATED SCLEROTIUM OF <i>Lignosus rhinocerus</i> (Cooke), THE TIGER MILK MUSHROOM, 38th MSBMB conference, 2013-08-28 to 2013-08-29, MSBMB, (National)
Proteomic studies of venoms of <i>Naja kaouthia</i> (monocellate cobra) from Malaysia and Thailand, 38th MSBMB Conference, 2013-08-28 to 2013-08-29, MSBMB, (National)
Immunological cross-reactivity of principal toxins of <i>Naja sumatrana</i> venom by a Thai polyvalent antivenom (Neuro Polyvalent Snake Antivenom), Venoms 2013, 2013-09-24 to 2013-09-26, (International)
Insights into the genome of <i>Lignosus rhinocerotis</i> (Cooke) Ryvarden, University Malaya Researchers Conference 2013, 2013-11-19 to 2013-11-20, UM, (University)
Towards The Development of a highly efficacious pan-naja cobra antivenom: unravelling the factors limiting the neutralising and cross-neutralising capability of cobra antivenom, University Malaya Researchers Conference 2013, 2013-11-19 to 2013-11-20, UM, (University)
Antiproliferative activity of the medicinal mushroom, <i>Lignosus tigris</i> , MSBMB 2014 annual conference, 2014-06-25 to 2014-06-26, Malaysian Society of Biochemistry and Molecular Biology, (National)
VENOM PROTEOME OF <i>CALLOSELASMA RHODOSTOMA</i> (MALAYAN PIT VIPER) UNMASKED BY LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY/MASS SPECTROMETRY (LC-MS/MS) FOLLOWING DIFFERENT TRYPTIC DIGESTION METHODS , MSBMB 2014 annual conference, 2014-06-25 to 2014-06-26, Malaysian Society of Biochemistry and Molecular Biology, (National)
Glycoproteomic analysis of milk from mammalian ruminants and human, 15th International Conference on Systems Biology, 2014-09-14 to 2014-09-18, International Society of Systems Biology (ISSB), (International)

<p>Venom variation and impact: insights into the proteome, mechanism and neutralization of the venom of monocled cobra (<i>Naja kaouthia</i>) from three geographical areas, Faculty of Medicine Research Week 2015, 2015-05-11 to 2015-05-15, Department of Pharmacy & Pharmacology, (University)</p>
<p>FUNGAL IMMUNOMODULATORY PROTEIN FROM TIGER MILK MUSHROOM , Intersarsity Biochemistry Seminar, 2015-05-16 to 2015-05-16</p>
<p>Nutritional composition and antioxidant properties of the Tiger Milk mushroom, <i>Lignosus tigris</i> (Cultivar E), International Conference of Antioxidants and Degenerative Diseases (2015), 2015-06-03 to 2015-06-04, Antioxidants, Ageing and Degenerative Diseases Research Group under the National University of Malaysia (UKM), together with the members of Faculty of Medicine, UKM., (International)</p>
<p>IN SILICO ANALYSIS OF FUNGAL IMMUNOMODULATORY PROTEIN FROM <i>LIGNOSUS RHINOCEROTIS</i>, Malaysian Society of Biochemistry and Molecular Biology Annual Conference 2015, 2015-06-10 to 2015-06-11, Malaysian Society of Biochemistry and Molecular Biology, (National)</p>
<p>Evaluation of chronic toxicity and anti-inflammatory effect of the sclerotial powder of <i>L.rhinocerotis</i> (Cooke) Ryvardeen, the tiger milk mushroom, Annual Colloquium on Drug Development from Natural Products, 2015-08-12 to 2015-08-12, CENAR, (University)</p>
<p>Proximate Analysis, antioxidant and anticancer activities of the medicinal mushroom <i>Lignosus tigris sclerotium</i>, Annual Colloquium on Drug Development from Natural Products, 2015-08-12 to 2015-08-12, CENAR, (University)</p>
<p><i>Naja sputatrix</i> and <i>Naja sumatrana</i> : Two Phylogenetically Related Spitting Cobras With Distinct Venom Compositions and Neutralization Profiles, The First Symposium on Southeast Asia Herpetology and Envenomation (SEASHE) Species Diversity and Animal Bites in Emergency Medicine, 2015-08-28 to 2015-08-30, RECS Indonesia, (International)</p>
<p>Geographical variations of <i>Naja kaouthia</i> (monocled cobra) venom from Southeast Asia: a venomomic and functional study, The 18th World Congress of the International Society on Toxinology, 2015-09-25 to 2015-09-30, International Society on Toxinology, (International)</p>
<p>Venomomics of <i>Hydrophis schistosus</i>, the beaked sea snake: a simple toxin arsenal cross neutralised by two heterologous antivenoms, The 18th World Congress of the International Society on Toxinology, 2015-09-25 to 2015-09-30, International Society on Toxinology, (International)</p>
<p>Fungal Immunomodulatory Protein from Tiger Milk Mushroom, <i>Lignosus rhinocerotis</i>, International Society for Mushroom Science 2016 Conference, 2016-05-29 to 2016-06-02, International Society for Mushroom Science, (International)</p>
<p>Unveiling the venom proteome of Mangrove Pit Viper (<i>Cryptelytrops purpureomaculatus</i>): Insights into the biochemistry and neutralization profile of the venom, 21st Biological Sciences Graduate Congress, 2016-12-15 to 2016-12-17, University of Malaya, (International)</p>

ORAL

<p>BIOCHEMICAL AND TOXINOLOGICAL CHARACTERISATION OF HYPNALE HYPNALE PIT VIPER VENOM AND ITS NEUTRALISATION BY A COMMERCIAL ANTIVENOM, 35th Annual Conference of the MSBMB, 2010-07-27 to 2010-07-28, MSBMB and CARIF, (National)</p>
<p>The toxicological properties of Merrem's humped-nose pit viper (<i>Hypnale hypnale</i>) and its neutralization by commercial antivenoms, First National Conference of Animal, Microbial and Plant Toxins and Snake Management, 2010-12-11 to 2010-12-12, Indian Institute of Chemical Biology and KPC Medical College and Hospital, (International)</p>
<p>IMMUNE RESPONSE ELICITED BY IMMUNIZATION OF RABBITS WITH HYPNALE HYPNALE VENOM AND THE ELISA CROSS-REACTIVITIES OF THE ANTIBODIES, 4th International Conference on Natural Toxins , 2010-12-20 to 2010-12-22, Egyptian Society of Natural Toxins, (International)</p>
<p>Pharmacokinetics of the venom of humped-nose pit viper (<i>Hypnale hypnale</i>) in rabbits, The 11th Southeast Asian Western Pacific Regional Meeting of Pharmacologist, 2011-03-22 to 2011-03-24, The Japanese Pharmacological Society, (International)</p>
<p>Toxicological and immunological characterization of the Sri Lanka hump-nosed pit viper (<i>Hypnale hypnale</i>) venom, Colombo Research Symposium , 2011-06-28 to 2011-06-29, (International)</p>
<p>Breathing new life to a malaysian lost national treasure - the tiger milk mushroom (<i>Lignosus rhinocerotis</i>), ISMS 18, 2012-08-26 to 2012-08-30, International society for mushroom science, (International)</p>
<p>Venom-gland transcriptome and venom proteome of the Malaysian king cobra (<i>Ophiophagus hannah</i>), 10th IST Asia Pacific COngress on Animal, Plant and Microbial Toxins, 2014-06-14 to 2014-06-18, International Society on Toxinology, (International)</p>

The Medicinal Properties and Efficacy of Cultivated Tiger Milk Mushroom (*Lignosus rhinocerotis* TM02), International Society for Mushroom Science 2016 Conference, 2016-05-29 to 2016-06-02, International Society for Mushroom Science, (International)

Antiproliferative Activity of Protein Extracts from *Lignosus tigris* (Chon S. Tan) on MCF7 cell line, International Society for Mushroom Science 2016 Conference, 2016-05-29 to 2016-06-02, International Society for Mushroom Science, (International)

Venomics of *Calloselasma rhodostoma*, the Malayan pit viper: Detailed protein resolution through a multi-step decomplexation approach, ASEAN Marine Animals & Snake Envenoming (Poisoning) Management - AMSEM 2016, 2016-11-28 to 2016-12-01, Malaysian Society on Toxinology, (International)

EVENT ORGANISER

Hon Treasurer, International Symposium on Advanced Marine Animals and Snake Envenomation Management (AMSEM), 2014-09-02 to 2014-09-04, Malaysian Society on Toxinology, (International)

Hon Treasurer, 1st Kuala Lumpur Snake Envenomation Management 2015, 2015-04-27 to 2015-04-27, Malaysian Society on Toxinology With Collaboration / Dengan Kolaborasi Jabatan Kesihatan Wilayah Persekutuan (JKWP) Kuala Lumpur / Putrajaya & Department of Emergency Medicine, UKMMC With the support of College of Emergency Physicians Academy of Medicine Malaysia, (National)

OTHERS

-, PBL tutor training workshop for UMMP, 2013-10-21 to 2013-10-22, FOM UM, (University)

An Essential Introduction To Snakes, Venom & Envenomation, An Essential Introduction To Snakes, Venom & Envenomation, 2014-03-19 to 2014-03-19, Malaysian Society On Toxinology, (National)

-, MST SSS I/2014, 2014-03-19 to 2014-03-19, MST, (University)

-, Workshop on Bioinformatics Applications In Proteomics & Mass Spectrometry, 2015-12-01 to 2015-12-02, Perdana University with APBioNET, EMBL-EBI and PRIDE, (International)

EXPERT LINKAGES

(Linkages Description), (Organisation), (Year of Involvement), (Duration), (Level).

Collaborator, University of Western Australia, , (International)

Collaboration, University of Nottingham, Malaysia Campus, 2016, 36, (International)

Collaborator, Academia Sinica - Professor Shyur Lie-Fen, 2014, 56, (International)

collaboration, University College Sedaya International, 2014, 56, (National)

Research Collaboration, University of Colombo, 2010, 36, (International)

Research Collaboration, Ligno Biotech Sdn Bhd, 2010, 300, (National)

Research Collaborator, International Medical University, 2009, 52, (International)

Research Collaboration, Queen Savaobha Memorial Institute, Thai Red Cross Society, Thailand, 2009, 48, (International)

Research Collaboration, National University of Singapore, 2005, 72, (International)

Visiting Researcher, University of Siena, Siena, Italy, 2003, 6, (International)

Research Collaboration, University of Siena, Siena, Italy, 2003, 84, (International)

Research Collaboration, University of Jos. Jos, Nigeria, 2003, 84, (International)

INTELLECTUAL PROPERTY RIGHTS

(Product Name), (Type), (Reference), (Year), (Level).

Anti-inflammatory agent, PATENT, PI2016703767, 12/10/2016, (NATIONAL)
Lignosus Rhinocerus (Tiger-Milk mushroom) As Anti-Inflammatory Agent, PATENT, PI 201170079, 01/06/2011, (NATIONAL)
SERINE PROTEASE AND LECTIN WITH ANTI-PROLIFERATIVE ACTIVITY FROM LIGNOSUS TIGRIS SCLEROTIUM, PATENT, PI 2015704177, 18/11/2015, (NATIONAL)
Medicinal use of the extract of Lignosus rhinocerotis, PATENT, PI 2013700530, 04/04/2013, (NATIONAL)
LIGNOSUS RHINOCEROTIS SERINE PROTEASE, PATENT, PI 2015700242, 27/01/2015, (NATIONAL)
Mushroom Extract for use in treatment of cancer, PATENT, MY-151078-A, 02/08/2011, (NATIONAL)
Mushroom extract for use in the treatment of cancer, PATENT, PI 2011700118, 02/08/2011, (NATIONAL)
Lignosus rhinocerus (Tiger-Milk Mushroom) as anti-inflammatory agent, PATENT, PI 2011700079, 01/06/2011

SUPERVISION

POST GRADUATE STUDENT

(Name of Degree), (Name of Candidates), (Title of Thesis), (Academic Session)

Completed
Doctoral Degree (phd), Tan Kae Yi, Toxinological and pharmacological characterization of Southeast Asian <i>Naja kaouthia</i> (monocled cobra) venom, 2015/2016
Doctoral Degree (phd), Lee Sook Shien, TOXICOLOGICAL AND ANTI-INFLAMMATORY EFFECTS OF LIGNOSUS RHINOCEROTIS COOKE RYVARDEN (TIGER MILK MUSHROOM)., 2014/2015
Doctoral Degree (phd), Yeannie Yap Hui Yeng, The genome, transcriptome, and proteome analyses of lignosus rhinocerotis (cooke) ryvarden (tiger milk mushroom) and its potential medicinal properties, 2014/2015
Doctoral Degree (phd), Lee Mui Li, Anti-bacterial and cytotoxic effects of king cobra (<i>Ophiophagus hannah</i>) venom L-amino acid oxidase., 2013/2014
Masters Degree, Kamelia Saremi, Pharmacokinetics of mangrove pit viper (<i>Cryptelytrops purpureomaculatus</i>) venom and its PLA2 in rabbits, 2013/2014
Doctoral Degree (phd), Tan Kae Yi, Medicine (Molecular Medicine), 2013/2014
Doctoral Degree (phd), Michelle Yap Khai Khun, TOXINOLOGICAL, PROTEOMIC AND PHARMACOKINETIC CHARACTERIZATION OF EQUATORIAL SPITTING COBRA (<i>NAJA SUMATRANA</i>) VENOM, 2012/2013
Masters Degree, Esther Tang Lai Har, Investigation of the Antioxidant, Anticancer, Wound Healing, Immunomodulatory and DNA Protective Activities of <i>Coriandrum sativum</i> and <i>Petroselinum crispum</i> , 2012/2013
Doctoral Degree (phd), Michelle Yap Khai Khun, TOXINOLOGICAL, PROTEOMIC AND PHARMACOKINETIC CHARACTERIZATION OF EQUATORIAL SPITTING COBRA (<i>NAJA SUMATRANA</i>) VENOM, 2012/2013
Doctoral Degree (phd), Yeannie Yap Hui Yeng, Medicine (Molecular medicine), 2011/2012
Doctoral Degree (phd), Lee Sook Shien, Biopharmacological Studies of Natural Products, 2010/2011
Masters Degree, Esther Tang Lai Har, Plant Antioxidant and Cancer, 2010/2011
Doctoral Degree (phd), Michelle Yap Khai Khun, Biomedical and toxinological basis of the protective effect of <i>Mucuna pruriens</i> against snake venom poisoning, 2009/2010
Doctoral Degree (phd), Lee Mui Li, King Cobra Venom, 2008/2009
Masters Degree, Saremi Kamelia, Animal Venoms, 2008/2009
Ongoing

Doctoral Degree (phd), Kong Boon Hong, BIOMEDICAL AND GENOMIC STUDIES OF TIGER MILK MUSHROOMS, 2016/2017
Masters Degree, Thaneswari A/p Juvarajah, Comparison of milk protein profile and composition of human, bovine and caprine using gel- and mass spectrometry-based analysis, 2016/2017
Doctoral Degree (phd), Wu Yuan Seng, Roles of Interleukin-6 from Stellate Cells in Modulating Nuclear Factor Erythroid-2 Activity for Pancreatic Cancer Progression, 2016/2017
Doctoral Degree (phd), Liew Jia Lee, Functional Venomics of Calliophis Intestinalis and Cryptelytrops Purpureomaculatus : Two Medically Important Snakes of Different Families in Malaysia., 2016/2017
Masters Degree, Thaneswari A/p Juvarajah, Medicine (Molecular Medicine), 2012/2013
Doctoral Degree (phd), Wu Yuan Seng, Medicine (Pharmacology), 2011/2012
Masters Degree, Michelle Yap Khai Khun, -, 2010/2011
Masters Degree, Lee Mui Li, -, 2010/2011

FIRST DEGREE/DIPLOMA/PRE-DEGREE

(Course Title), (Academic Session), (No. of Candidates)

Completed
Internship BSc (Hons) Biotechnology, 2016/2017, 1

TEACHING

(Course Title), (Academic Session), (No of Student), (No of Contact Hours).

FIRST DEGREE
BIOCHEMISTRY, 2014/2015(1,2), 50, 0
Biochemistry Foundation Year, 2014/2015(1,2), 70, 0
Biochemistry , 2014/2015(1,2), 60, 0
Biochemistry, 2012/2013(1,2), 200, 0
Biochemistry, 2012/2013, 70, 0
Biochemistry, 2011/2012(1,2), 200, 0
Biochemistry, 2011/2012(1,2), 70, 0
Biochemistry , 2010/2011(1,2), 200, 0
Biochemistry, 2010/2011(1,2,3), 70, 0
Biochemistry , 2009/2010(1,2), 70, 0
Biochemistry , 2009/2010(1,2), 200, 0
Biochemistry , 2008/2009(1,2), 180, 0
Biochemistry , 2008/2009(1,2,3), 70, 0

DIPLOMA (IF APPLICABLE)
Biochemistry , 2012/2013, 20, 0
Biochemistry , 2011/2012, 23, 0
Biochemistry , 2010/2011(1,2), 28, 0

Biochemistry , 2009/2010(1,2), 30, 0

Biochemistry, 2008/2009(1,2), 30, 0