

# FUNG SHIN YEE

PhD, FRBSB(UK), MMIC. M. Med. Sc., BSc (Hons) First Class  
MAHPC(MLS)02787

Professor of Biochemistry

Mycological Sciences Laboratory  
Department of Molecular Medicine  
Faculty of Medicine  
Universiti Malaya  
50603 Kuala Lumpur, MALAYSIA



E-mail: [syfung@um.edu.my](mailto:syfung@um.edu.my) / [syfung@ummc.edu.my](mailto:syfung@ummc.edu.my)

UMExpert: <https://umexpert.um.edu.my/syfung>

Prof. Dr. Fung Shin Yee actively pursues her interest in natural compounds focusing on the biology and chemistry of medicinal mushrooms. She leads the Medicinal Mushroom Research Group (MMRG) and has immense interest in the Malaysia's National Treasure, the Tiger Milk mushrooms (*Lignosus sp.*) amongst other medicinal mushrooms. Her **pioneering** and **innovative** work with *Lignosus sp.* has won her several prestigious international and local prizes - including the much-coveted *Prix Du Salon International Des Inventions De Geneva* and ITEX Gold awards, and several Malaysian patents. Her interest also includes other prized medicinal mushrooms such as the *Ophiocordyceps sinensis*, *Antrodia camphorata*, *Inonotus obliquus* (Chaga) and *Sanghwang* - to name a few. Her research endeavours utilize a multidisciplinary approach in her methodology with multiple collaborators both local and international. Her work transcended from bench to bedside - a translational research that aims to bring the Malaysian medicinal gem to good use, promoting wellness to humankind. As a person constantly intrigued by the answers provided by nature for the problems faced in human health and social issues, she strongly believes that nature has many hidden secrets, which if one can tap into, will provide many solutions and platform from which to learn from. This has led her to her primary interest in natural compounds with healing properties. Her work has been published in many high impact articles in international journals and books. She is the Founder and CTO of Essenti Nutrien Sdn. Bhd. who specialises and pioneers the ACE Technology that produces xLr® as its inaugural ingredient for commercialization. She is also a member of LiGNO Biotech Scientific Advisory Board, and works with several biotechnology industries to promote science. She is a Fellow with Royal Society of Biology (RSB), United Kingdom and hold various leadership position. She is the Vice President of the Malaysian Society for Biochemistry and Molecular Biology (MSBMB) which is an adhering body to the Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB) and The International Union of Biochemistry and Molecular Biology (IUBMB). She has been elected into the Nomination Committee of the IUBMB for the tenure 2024-2028. She is also the Vice President of The Organization for Women in Science (OWIS), part of the Organization for Women in Science of the Developing World (OWSD) - a UNESCO programme unit. She is a Professional Chemist registered with the Malaysian Institute of Chemistry (Institut Kimia Malaysia, IKM) and a Professional Technologist registered with Malaysia Board of Technologists (MBOT). She also runs the Science Outreach Team for the Malaysian Society of Biochemistry and Molecular Biology to encourage STEM. She currently is the Head of Department for the Department of Molecular Medicine (formerly known as the Department of Biochemistry) in the Faculty of Medicine, Universiti Malaya, Malaysia.

## Areas of Expertise

Proteins Purification/ Enzymology/Immunochemistry | Natural Products – Medicinal Mushrooms/Toxins |  
Bioactive components from Medicinal Mushrooms for Drugs Discovery

## Professional Membership

- Fellow – Royal Society of Biology (RSB), United Kingdom
- Malaysian Society of Biochemistry and Molecular Biology (MSBMB), Vice President (2024-2026), Life Member
- Organization for Women in Science (OWIS) Malaysia (part of OWSD International (Under the Umbrella of UNESCO and Academy of Sciences Malaysia), Vice-Chairperson (2024-2028)
- Nomination Committee, The International Union of Biochemistry and Molecular Biology (IUBMB)
- Golden Key National Honour Society of Malaysia, Member
- Malaysian Society of Molecular Biology and Biotechnology, Member
- International Society On Toxinology, Member
- Malaysian Society on Toxinology, Member
- International Society for Mushroom Science, Member
- Society of Chemical Industry (SCI), Member
- Malaysian Institute of Chemistry, Member
- Malaysia Board of Technologists (MBOT), Professional Technologist

### **Selected awards and recognitions**

- Newtopia Now NEXTY Award Finalist 2025
- Excellent Service Award, University of Malaya, 2024, 2017, 2016, 2015, 2014
- Universiti Malaya Excellence Award 2023 – Commercialization (High technology Product and Services)
- Academic Council, Board Member, Madan Bhandari University of Science and Technology, Chitlang, Nepal
- ITEX 2022 GOLD Award**
- PECIPTA 2022 Bronze Award**
- Fellow of the ASEAN Pioneering in Intellectual Property 2020-2021 (ASM-YSN, Licensing Executives Society International)
- Certificate of Appreciation – Chairperson of Organizing Committee Mushroom Science Virtual 2020-2023
- Organizing Chair of the Personal Development Programme by OWSD-MNC 2021
- Certificate of Appreciation - Chairperson for Organizing Committee OWSD-MNC EQ Virtual 2020
- Sijil Penghargaan - Fasilitator Impact Planning Development Workshop, Kluster Penyelidikan Universiti Malaya, 2020
- Certificate of Achievement - Research Grant Category, Department of Molecular Medicine, 2020
- Certificate of Appreciation - University of Malaya Cancer Research Institute, Bridging Translational Cancer Research Forum in Conjunction with The World Cancer Day 2020
- UM Deep Tech Selected Technology, 2020
- Breast Milk Scientific: “Understanding HMOS” Certificate of Completion, The Australian College of Midwives (ACM) and International Board of Lactation Consultant Examiners (IBLCE), 2020
- Reviewer Certificate from Elsevier, 2019
- Letter of Appreciation for Department Quality Manager Service, 2019
- Good Clinical Practice, Director General of Health and National Committee of Clinical Research, 2019
- Sijil Penghargaan Fasilitator Program "I Love Science", Sekolah Kebangsaan Pulau Meranti, 2019
- National Patent Drafting Course in The Framework of Enabling Ip Environment Project, MyIPO, 2019
- UMRC Poster Competition, University of Malaya, 2019
- Certificate of Appreciation from for Science Outreach Programme, SJKC Union, Cyberjaya, 2018
- Certificate of Appreciation: Panelist On Graduation On Time Seminar (GOT), University of Malaya, 2018
- Malaysia Health & Wellness Brand Award 2017 - Team Member, Sin Chew Healthcare, Life Magazines, 2018
- Certificate of Achievement: Highest Impact Factor in Web of Science (WOS), Department of Molecular Medicine, 2015 & 2016
- Best Poster Award in The University of Malaya Researchers' Conference 2013, University of Malaya, 2013
- Best Poster Award in Conjunction With The 38th Malaysian Society of Biochemistry and Molecular Biology Annual Conference, Malaysian Society of Biochemistry and Molecular Biology, 2009, 2010, 2013
- Prix Du Salon International Des Inventions De Geneva, Salon International Des Inventions De Geneva, 2011**
- ITEX Gold (22nd International Invention, Innovation & Technology Exhibition, Ministry of Science, Technology and Innovation, 2011)**
- Silver Medalist of The Life Science Category, University of Malaya, 2006
- Recipient of The Italian Scholarship, Embassy of Italy, 2004, 2005
- University Book Prize , Universiti Malaya, 1999

### **Intellectual Property Rights**

- PI2020003670 Method Of Cloning, Expression, Purification Of Serine Protease(S) From *Lignosus rhinocerus*
- MY-190133-A Cloning, overexpression & purification of a recombinant lectin of a tiger milk mushroom *Lignosus rhinocerus* (GRANTED)**
- PI 2017704283 A medicament for treating human breast cancer
- MY-184940-A Anti-inflammatory agent (GRANTED)**
- PI 201170079 *Lignosus rhinocerus* (tiger-milk mushroom) as anti-inflammatory agent
- PI 2015704177 Serine protease and lectin with anti-proliferative activity from *Lignosus tigris sclerotium*
- MY-175662-A Medicinal use of the extract of *Lignosus rhinocerotis* (GRANTED)**
- PI 2015700242 *Lignosus rhinocerotis* serine protease
- MY-151078-A Mushroom extract for use in treatment of cancer (GRANTED)**

### **Publications**

131 ISI with 3741 citations and an H-index of 35.

Details available at

**Web of Science PUBLONS:** <https://publons.com/researcher/1571032/shin-ye-fung/>

**SCOPUS:** <https://www.scopus.com/authid/detail.uri?authorId=26665361500>

**Google Scholar:** <https://scholar.google.com/citations?user=0QRXcEgAAAAJ>

Detailed CV can be viewed at CURRICULUM VITAE: [PROF. DR. FUNG SHIN YEE](#)

## Selected Publications

- Mau Ern Poh, Muhammad Fazril Mohamad Razif, Muhammad Adil Zainal Abidin, Chong Kin Liam, Yong Kek Pang, Kee Ying Yeoh, Leng Cheng Sia, Nur Husna Ibrahim, Chee Kuan Wong, Jiunn Liang Tan, Thian Chee Loh, Vijayan Munusamy, **Shin-Yee Fung** (2025). Polyporaceae *Lignosus rhinocerus* TM02® Cultivar as Complementary Therapy for Respiratory Health: A Preliminary Investigation of Asthma. *Pharmacological Research - Natural Products*
- Min-Jia Ng, Boon-Hong Kong, Hui-Yeng Yeannie Yap, Muhammad Fazril Mohamad Razif, Szu-Ting Ng, Chon-Seng Tan, and **Shin-Yee Fung** (2025). Unveiling the Proteomic Landscape of *Lignosus tigris* (Polyporaceae) Sclerotium: Insights into its Biocatalytic Potential. *South African Journal of Botany*
- Rajakumar, P., & **Fung, S.Y.** (2025). Morphological, Molecular, and Therapeutic Perspectives on Malaysia's Tiger Milk Mushrooms -An Appraisal. *Mycological Spectrum* 1(2): 30-52. - Review
- Eng, Jie Yi; Ooi, Po Lin; Zafirah, Mariam; Danaee, Mahmoud; Saad, Marniza; Mohamad Razif, Muhammad Fazril; Taib, Nor Aishah; Lam, Chee Loong; Chik, Zamri; **Fung, Shin-Yee** (2025). Efficacy and safety of *Lignosus rhinocerus* (Cooke) Ryvarden TM02 supplementation for immune-challenged patients with localised breast cancer in remission: a randomised controlled trial, *BMC Complementary Medicine and Therapies*. 25(1). doi:10.1186/s12906-025-04919-6
- Chuo-Zi Lam, Yi-Keng Yong, Yih-Yih Kok, Boon-Keat Tan, Szu-Ting Ng, Chon-Seng Tan, **Shin-Yee Fung** (2025). Immunomodulatory Effects of Tiger Milk Mushroom Extract *Lignosus Rhinocerus* TM02® CULTIVAR (xLr®) (Agaricomycetes) and Chinese Caterpillar Mushroom, *Ophiocordyceps Sinensis* Cultivar OCS02®(Ascomycetes) (xOs™) in Sensitized Human Keratinocyte Cell Line NCTC2544. *International Journal of Medicinal Mushrooms*
- Chuan W.Y., Jamil A.H.A., Razif M.F.M., Tan C.S., **Fung S.Y.** (2025). *Ophiocordyceps sinensis*: A Highly Valued Energizer and Traditional Medicine, *Cordyceps and Allied Species*, 221-261. doi:10.1007/978-981-97-6345-0\_9
- Kong B.-H., Yap Y.H.-Y., **Fung S.-Y.** (2025). Medicinal properties of wild and cultivated mushrooms from the tropics: Malaysia as a case study, *Biotechnology Applications in Forestry: Forest Microbiology: Volume 4.* , 255-273. doi:10.1016/B978-0-443-21903-0.00017-5
- Mei-Kee Lee, Kayatri Govindaraju, **Shin-Yee Fung**, Yvonne Mbaki, Szu-Ting Ng, Chon-Seng Tan, Hwei-San Loh, Suresh Kumar Mohankumar, Kang-Nee Ting (2025). The Tiger Milk Medicinal Mushroom TM02®, *Lignosus rhinocerus* (Agaricomycetes), Water-Soluble Sclerotial Extract (xLr®) Induces Vasorelaxation in Rat Isolated Aortae, *International Journal Of Medicinal Mushrooms* (in press)
- Yeannie Hui-Yeng Yap, **Fung Shin Yee**, Ng Szu Ting, Tan Chon Seng, Tan Soon Hao (2025) Assessment of Acute Dermal Toxicity of *Lignosus rhinocerus* TM02® (Agaricomycetes) Sclerotium and Its Potent Cold-Water Extract (xLr®), *International Journal of Medicinal Mushrooms*, 27(8):81-93. doi: 10.1615/IntJMedMushrooms.2025058984.
- Kwang-Yui Liew, Mohammad Saad Umar Ibne Zaaki Aumeeruddy, Neng-Yao Goh, Boon-Hong Kong, Yin-Quan Tang, Szu-Ting Ng, Chon-Seng Tan, **Shin Yee Fung** (2025). Antioxidant Activity and Total Terpenoid Content of *Tropicoporus linteus* (Agaricomycetes) Cultivar Cold Water Extract and In Silico Assessment of Potential Neuroprotective Compounds, *International Journal Of Medicinal Mushrooms* (in press)
- Rangsinth, Panthakarn; Sharika, Rajasekharan; Sillapachaiyaporn, Chanin; Nilkhet, Sunita; Chaikhong, Kamonwan; Verma, Kanika; Prasansuklab, Anchalee; Ng, Szu-Ting; Tan, Chon-Seng; **Fung, Shin-Yee**; Tencomnao, Tewin; Chuchawankul, Siriporn (2025). Protective effects of tiger milk mushroom extract (xLr) against UVB irradiation in *Caenorhabditis elegans* via DAF-16 anti-oxidant regulation, *Journal Of Traditional And Complementary Medicine*. 15(1), 73-83. doi:10.1016/j.jtcme.2024.11.004
- Han-Ni Booi, Li-Yin Pang, Mei-Kee Lee, **Shin-Yee Fung**, Chyan-Leong Ng, Szu-Ting Ng, Chon-Seng Tan, Cin Kong, Kuan-Hon Lim, Richard Roberts & Kang-Nee Ting (2025). Evidence to support cultivated fruiting body of *Ophiocordyceps sinensis* (Ascomycota)'s role in relaxing airway smooth muscle. *Journal of Ethnopharmacology* 336 , 118727. doi: <https://doi.org/10.1016/j.jep.2024.118727>
- Adeline Yoke Yin Chia, Phoebe Yon Ern Tee, Thiiben Krishnan, Xin Tian Cheong, Snechaa Maniam, Chung Yeng Looi, Yin Yin Ooi, Caroline Lin Lin Chua, **Shin Yee Fung** (2024). A review on the cultivation, bioactive compounds, health-promoting factors and clinical trials of medicinal mushrooms *Taiwanofungus camphoratus*, *Inonotus obliquus* and *Tropicoporus linteus*. *Fungal Biology and Biotechnology* (accepted for publication)
- Min-Jia Ng, Neng-Yao Goh, Chon-Seng Tan, Muhammad Fazril Mohamad Razif, Hui-Yeng Yeannie Yap, Boon-Hong Kong and **Shin-Yee Fung** (2024). Comparative Cytotoxicity Evaluation of Heat-Assisted vs. Cold Water Extractions of Six Medicinal Fungi against Breast and Lung Cancer Cells. *Food Technology and Biotechnology* Vol. 62 Issue 2/2024. <https://doi.org/10.17113/ftb.62.02.24.8424>
- Min Jia Ng, Boon Hong Kong, Hui-Yeng Yeannie Yap, Muhammad Fazril Mohamad Razif, Szu Ting Ng, Chon Seng Tan and **Shin-Yee Fung** (2024). RNA-Seq Transcriptome and Pathway Analysis of the Medicinal Mushroom *Lignosus tigris* (Polyporaceae) Offer Insights into its Bioactive Compounds with Anticancer and Antioxidant Potential . *J Ethnopharmacol* 328:118073.
- Neng-Yao Goh, Yeannie Hui-Yeng Yap, Chyan Leong Ng, Boon-Hong Kong, Szu-Ting Ng, Chon-Seng Tan, Muhammad Fazril Mohamad Razif, **Shin-Yee Fung** (2024). Water-soluble compounds from *Lignosus rhinocerus* TM02® (xLr™) modulate ACE2 activity and inhibit its interaction with SARS-CoV-2 Spike-Protein. *Food Bioscience* Volume 59, June 2024, 104232

- Yeannie HY Yap, Szu-Ting Ng, Chon-Seng Tan, **Shin-Yee Fung** (2024). Comparative Analysis of Medicinal Attributes between *Lignosus cameronensis* and its Sister Species, Natural Product Research (accepted for publication)
- Yi En, Wong, Muhammad Fazril Mohamad Razif, Szu Ting, Ng, Chon Seng, Tan, **Shin Yee, Fung**, Dharmani Devi Murugan (2024). *Lignosus rhinocerus* TM02® sclerotia supplementation mitigates hypertension and alleviates vascular dysfunction partly through oxidative stress modulation in Spontaneously Hypertensive Rats (accepted for publication)
- Yahya, Tuan Syaripah Atiqah Najwa Tuan; Azmi, Norhaida Che; **Yee, Fung Shin**; Chyang, Pang Jyh; Ting, Ng Szu; Seng, Tan Chon (2024). The Effects of Tiger Milk Mushroom *Lignosus rhinocerus* TM02 (Agaricomycetes) on Leukemogenicity Tyrosine Kinase Cell Lines, International Journal Of Medicinal Mushrooms. 26(3), 55-66
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- Hui-Yeng Y. Yap, Mohammad Farhan Ariffeen Rosli, Soon-Hao Tan, Boon-Hong Kong, and **Shin- Yee Fung** (2023). The Wound Healing Potential of *Lignosus rhinocerus* and Other Ethno-Myco Wound Healing Agents. Mycobiology, doi: 10.1080/12298093.2022.2164641
- Phoebe Yon Ern Tee, Adeline Yoke Yin Chia, Yin Quan Tang, **Shin Yee Fung** (2023). Therapeutic properties of *Inonotus obliquus* (Chaga mushroom): A review. Mycology: An International of Fungal Biology, doi: 10.1080/21501203.2023.2260408
- Yin Ying Mak, Fong Kai Lee, Mei Kee Lee, Yvonne Mbaki, Sue Mian Then, Chee Sum Alvin Yap, **Shin Yee Fung**, Cin Kong, Kuan Hon Lim And Kang Nee Ting (2023). Vasorelaxation profile of PM20, a schwarzinicine A analogue, in hypertensive and diabetic rat model and its effect on the lifespan of *Caenorhabditis elegans* In: British Journal of Pharmacology, Volume 180: Abstracts of the 19th World Congress of Basic & Clinical Pharmacology 2023. 546-548
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- Ng MJ, Kong BH, Teoh KH, Yap YH, Ng ST, Tan CS, Mohamad Razif MF, **Fung SY** (2023). *In vivo* anti-tumor activity of *Lignosus rhinocerus* TM02 using a MCF7-xenograft NCr nude mice model. J Ethnopharmacol. Volume 304, 25 March 2023, 115957
- Han-Ni Booi, Mei-Kee Lee, **Shin-Yee Fung**, Szu-Ting Ng, Chon-Seng Tan, Kuan-Hon Lim, Richard Roberts, Kang-Nee Ting (2022). Medicinal Mushrooms and Their Use to Strengthen Respiratory Health during and Post-COVID-19 Pandemic. International Journal of Medicinal Mushrooms 24 (10) 1-14.
- Shin-Yee Fung**, Yeannie Hui-Yeng Yap, Szu-Ting Ng, Chon-Seng Tan (2022). In Vitro Inhibition of Melanin Formation and Enhancement of Collagen Production by a Mushroom Sclerotial Water Extract from the Tiger Milk Mushroom *Lignosus rhinocerus* (Agaricomycetes) with No Irritation to Skin and Eye. International Journal of Medicinal Mushrooms 24(5):19-32.
- Neng-Yao Goh, Muhammad Fazril Mohamad Razif, Yeannie Hui-Yeng Yap, Chyan Leong Ng, **Shin-Yee Fung** (2022). In silico analysis and characterization of medicinal mushroom cystathionine beta-synthase as an angiotensin converting enzyme (ACE) inhibitory protein, Computational Biology and Chemistry, 96, 107620
- Hui Yeng Yeannie Yap, Boon Hong Kong, Chee Sum Alvin Yap, Kien Chai Ong, Rosnah Binti Zain, Soon Hao Tan, Zuraiza Mohamad Zaini, Szu Ting Ng, Chon Seng Tan and **Shin Yee Fung** (2022) Immunomodulatory Effect and an Intervention of TNF Signalling Leading to Apoptotic and Cell Cycle Arrest on ORL-204 Oral Cancer Cells by Tiger Milk Mushroom, *Lignosus rhinocerus*. Food Technology and Biotechnology 60 (1),
- Li-Yin Pang, Mei-Kee Lee, Boon-Hong Kong, **Shin-Yee Fung**, Szu-Ting Ng, Chon-Seng Tan, Sue-Mian Then, Kuan-Hon Lim, Richard Roberts, Kang-Nee Ting (2022). Chinese Caterpillar Mushroom, *Ophiocordyceps sinensis* (Ascomycota) Cold Water Extract Relaxes Rat Isolated Bladder. International Journal of Medicinal Mushroom , 10.1615/IntJMedMushrooms.2022043097
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- Kong, B. H., Yap, C. S. A., Razif, M. F. M., Ng, S. T., Tan, C. S., & **Fung, S. Y.** (2021). Antioxidant and Cytotoxic Effects and Identification of *Ophiocordyceps sinensis* Bioactive Proteins Using Shotgun Proteomic Analysis. Food Technology and Biotechnology, 59(2), 201-208.
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- Boon-Hong Kong and **Shin-Yee Fung** (2021) Longitudinal assessment of *Lignosus rhinocerus* sclerotium cultivar: The uniformity of bioactive components, International Journal of Medicinal Mushrooms
- Jian Yi Chai, Vaisnevee Sugumar, Ahmed F. Alshanon, Won Fen Wong, **Shin Yee Fung**, Chung Yeng Looi (2021). Defining the role of GLI/Hedgehog signaling in chemo-2 resistance: Implications in therapeutic approaches, Cancers

- **Shin Yee Fung** and Muhammad Fazril Razif (2021) Bioprospecting Macrofungi for Biotechnological and Biomedical Applications. In: K.R. Sridhar & S.K. Deshmukh (Eds), *Advances in Macrofungi: Industrial Avenues and Prospects*, CRC Press
- **Shin-Yee Fung** and Chon-Seng Tan (2021) Mushroom Market in Malaysia. In: K.R. Sridhar & S.K. Deshmukh (Eds), *Advances in Macrofungi: Industrial Avenues and Prospects*, CRC Press
- Muhammad Fazril Razif and **Shin Yee Fung** (2021) Cosmeceuticals from Mushrooms. In : K.R. Sridhar & S.K. Deshmukh (Eds), *Advances in Macrofungi: Pharmaceuticals and Cosmeceuticals*, CRC Press
- Alvin Yap Chee Sum, Xiaojie Li, Yeannie Yap Hui Yeng, Muhammad Fazril Mohamad Razif, Amira Hajirah Abd Jamil, Ng Szu Ting, Tan Chon Seng, Cheung Chi Keung Peter, **Shin Yee Fung** (2020). Immunomodulatory properties of water-soluble polysaccharides extracted from the fruiting body of *Ophiocordyceps sinensis* cultivar OCS02®, *International Journal of Medicinal Mushrooms*
- Boon Hong Kong, Kean Hooi Teoh, Nget Hong Tan, Chon Seng Tan, Szu Ting Ng, **Shin Yee Fung** (2020). Proteins from *Lignosus tigris* with selective apoptotic cytotoxicity towards MCF7 cell line and suppresses MCF7-xenograft tumor growth. *Peer J*. DOI 10.7717/peerj.9650
- Alvin Yap Chee Sum, Xiaojie Li, Yeannie Yap Hui Yeng, Muhammad Fazril Mohamad Razif, Amira Hajirah Abd Jamil, Ng Szu Ting, Tan Chon Seng, Peter Chi Keung Cheung, **Shin-Yee Fung** (2020) The Immunomodulating Properties of *Lignosus rhinocerus* TM02® Cultivar and Its Associated Carbohydrate Composition, *International Journal of Medicinal Mushroom*.
- **Shin Yee Fung** & Chon Seng Tan, Tiger Milk Mushroom (The *Lignosus* Trinity) in Malaysia: A Medicinal Treasure Trove (2019). In D.C.Agrawal & M. Dhanasekaran (Eds), *Medicinal Mushrooms: Recent Progress in Research and Development* (pp. 349-370). Springer Nature.
- **Shin Yee Fung** and Muhammad Fazril Mohamad Razif (2019). Proteomics of Edible and Medicinal Mushrooms. In K.R. Sridhar & S.K. Deshmukh (Eds), *Advances in Macrofungi: Diversity, Ecology, and Biotechnology* (ISBN 9781138587274) CRC Press
- Peter Chiew Hing Cheong, Yen Sun Yong, Ayesha Fatima, Szu Ting Ng, Chon Seng Tan, Boon Hong Kong, Nget Hong Tan, Jayakumar Rajarajeswaran & **Shin Yee Fung** (2019). Cloning, overexpression, purification and modelling of a lectin (Rhinoclectin) with anti-proliferative activity from Tiger Milk Mushroom, *Lignosus rhinocerus*, *IUBMB Life*.
- **Shin Yee Fung**, Peter Chiew Hing Cheong, Nget Hong Tan, Szu Ting Ng, Chon Seng Tan (2019) Nutritional evaluation on *Lignosus cameronensis* C. S. Tan, a medicinal Polyporaceae, *IUBMB Life* 1-6
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- Hui Yeng Y Yap, Nget Hong Tan, Szu Ting Ng, Chon Seng Tan, **Shin Yee Fung** (2018). Molecular attributes and apoptosis-inducing activities of a putative serine protease isolated from Tiger Milk mushroom (*Lignosus rhinocerus*) sclerotium against breast cancer cells in vitro, *PeerJ* 6:e4940
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- **Shin Yee Fung**, Peter Chiew Hing Cheong, Nget Hong Tan, Szu Ting Ng, Chon Seng Tan (2018). Nutrient and chemical analysis of the fruiting body of a cultivar of the *Ophiocordyceps sinensis*. *International Journal of Medicinal Mushrooms*. DOI: 10.1615/IntJMedMushrooms.2018026252
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- **Shin-Yee Fung**, Mui-Li Lee & Nget-Hong Tan (2018). Proteomic investigation of the molecular mechanism of king cobra venom L-amino acid oxidase induced apoptosis of human breast cancer (MCF-7) cell line. *Indian Journal of Experimental Biology*, Vol. 56, February 2018, pp. 101-111
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