

DR. LIEW SOOK YEE

Ph.D. Universiti Malaya, 2014
BSc. (Chemical Sciences), 2010
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Major Recognition

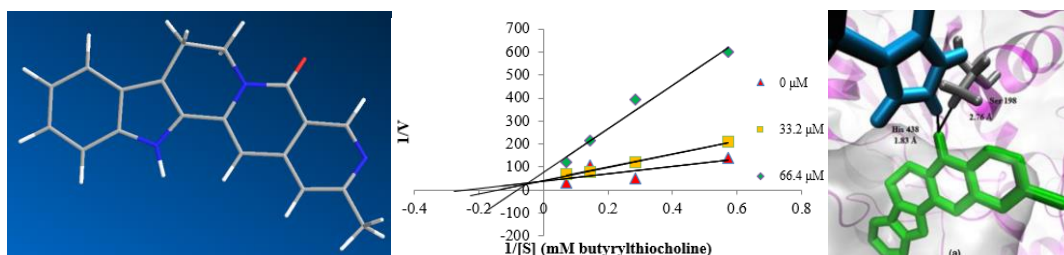
- PhD graduation under 4 years
- Best Graduate Award of Faculty of Science and Technology / Bachelor of Science (Chemical Sciences)

Research Interest

Natural Products Chemistry, Bioorganic Chemistry, Enzyme Kinetic, Molecular Docking

Research Highlight

- Isolation and structural elucidation of bioactive natural compounds
- Enzyme inhibition and kinetic studies of bioactive compounds
- Molecular docking studies on bioactive compounds with targeted enzymes



Bioactive natural compound with enzyme kinetic and molecular docking studies

Representative Publications:

1. Qureshi, A.K., Liew, S.Y., Othman, N.A., Awang, K. (2021). Phytochemical constituents from *Neolamarckia cadamba* (Roxb.) Bosser. *Biochemical Systematics and Ecology*, 96, 104257.
2. Liew, S.Y., Sivasothy, Y., Shaikh, N.N., Mohd Isa, D., Lee, V.S., Choudhary, M.I., Awang, K. (2020). β -Glucuronidase inhibitors from Malaysian plants. *Journal of Molecular Structure*, 128743.
3. Sulaiman, S.N., Zahari, A., Liew, S.Y., Litaudon, M., Mohammed, I.A., Wahab, H.A. et al. (2018). Pahangine A and B, two new oxetane containing neolignans from the barks of *Beilschmiedia glabra* Kosterm (Lauraceae). *Phytochemistry Letters*, 25, 22-26.
4. Hematpoor, A., Liew, S.Y., Azirun, M.S., Awang, K. (2017). Insecticidal activity and the mechanism of action of three phenylpropanoids isolated from the roots of *Piper sarmentosum* Roxb. *Scientific Reports*, 7: 12576.
5. Liew, S.Y., Khaw, K.Y., Murugaiyah, V., Looi, C.Y., Wong, Y.L., Mustafa, M.R., et al. (2015). Natural Indole Butyrylcholinesterase Inhibitors from *Nauclea officinalis*. *Phytomedicine*, 22 (1): 45-48.

Professional Activities:

IKM member (2020-present)
RSC associate member (2015-present)

Website:

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