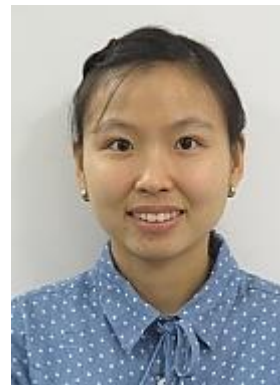


Dr. Ally Yeo Chien Ing

Position: Research Fellow
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Education:

Degree of Doctor of Philosophy, University of Malaya, Malaysia

Bachelor of Science (Hons) Chemistry, University Tunku Abdul Rahman, Malaysia

Brief Employment History:

UPHA Pharmaceutical Company: Internship Trainee

University Tunku Abdul Rahman: General Officer

University of Malaya: Research Assistant

Research Interests:

Research mainly focus on preparation of coordination compounds, particularly on the coinage metal complexes of thiolate, for their solid/solution state structural and chemistry properties. The compounds will be further evaluated for their biological properties by collaborators.

Selected Publications:

1. Yeo, C. I., Ooi, K. K., Akim, A. M., Ang, K. P., Fairuz, Z., Abdul Halim, S. N., Ng, S. W., Seng, H. L. & Tiekink, E. R. T.. The influence of R substituents in triphenylphosphinegold(I) carbonimidothioates, $\text{Ph}_3\text{PAu}[\text{SC}(\text{OR})=\text{NPh}]$ (R = Me, Et And *i*Pr), upon in vitro cytotoxicity against the HT-29 colon cancer cell line and upon apoptotic pathways. *Journal of Inorganic Biochemistry*, Elsevier, 127(0), 24-38, 2013.
2. Yeo, C. I., Sim, J. H., Khoo, C. H., Goh, Z. J., Ang, K. P., Cheah, Y. K., Fairuz, Z., Abdul Halim, S. N., Ng, S. W., Seng, H. L. & Tiekink, E. R. T.. Pathogenic gram-positive bacteria are highly sensitive to

- triphenylphosphanegold(O-alkylthiocarbamates), $\text{Ph}_3\text{PAu}[\text{SC}(\text{OR})=\text{N}(\text{p-tolyl})]$ (R = Me, Et And *iPr*). Gold Bulletin, Springer, 46(3), 145-152, 2013.
3. Yeo, C. I., Halim, S. N. A., Ng, S. W., Tan, S. L., Zukerman-Schpector, J., Ferreira, M. A. B. & Tiekink, E. R. T.. Investigation of putative arene-C-H $\cdots\pi$ (quasi-chelate ring) Interactions in copper(I) crystal structures. Chemical Communications, Royal Society of Chemistry, 50(45), 5984-5986, 2014.
 4. Ooi, K. K., Yeo, C. I., Ang, K. P., Akim, A., Cheah, Y. K., Abdul Halim, S. N., Seng, H. L. & Tiekink, E. R. T.. Phosphanegold(I) thiolates, $\text{Ph}_3\text{PAu}[\text{SC}(\text{OR})=\text{NC}_6\text{H}_4\text{Me-4}]$ for R = Me, Et and *iPr*, induce apoptosis, cell cycle arrest and inhibit cell invasion of HT-29 colon cancer cells through modulation of the nuclear factor- κB activation pathway and ubiquitination. Journal of Biological Inorganic Chemistry, Springer, 20(5), 855-873, 2015.
 5. Yeo, C. I., Khoo, C. H., Chu, W. C., Chen, B. J., Chu, P. L., Sim, J. H., Cheah, Y. K., Ahmad, J., Abdul Halim, S. N., Seng, H. L., Ng, S., Otero-de-la-Roza, A. & Tiekink, E. R. T.. The importance of Au $\cdots\pi$ (Aryl) interactions in the formation of spherical aggregates in binuclear phosphane gold(I) complexes of a bipodal thiocarbamate dianion: A combined crystallographic and computational study, and anti-microbial activity. RSC Advances, Royal Society of Chemistry, 5(52), 41401-41411, 2015.
 6. Zukerman-Schpector, J., Yeo, C. I. & E. R. T.. Supramolecular architectures sustained by arene-C-H $\cdots\pi$ (quasi-chelate ring) interactions. Z. Kristallogr., De Gruyter, 231(1): 55–64, 2016.
 7. Ooi, K. K., Yeo, C. I., Mahandaran, T., Ang, K. P., Akim, A. M., Cheah, Y. K., Seng, H. L. & Tiekink, E. R. T.. G2/M cell cycle arrest on HT-29 cancer cells and toxicity assessment of triphenylphosphanegold(I) carbonimidothioates, $\text{Ph}_3\text{PAu}[\text{SC}(\text{OR}) = \text{NPh}]$, R = Me, Et, and *iPr*, during zebrafish development. Journal of Inorganic Biochemistry, Elsevier, In Press.
 8. Yeo, C. I., Tan, S. L., Otero-de-la-Roza, A., & Tiekink, E. R. T.. A conformational polymorph of $\text{Ph}_3\text{PAu}[\text{SC}(\text{OEt})=\text{NPh}]$ featuring an intramolecular Au $\cdots\pi$ interaction. Z. Kristallogr., De Gruyter, 231(11): 653-661, 2016.
 9. Yeo, C. I., Sim, J. H., Khoo, C. H., Goh, Z. J., Ang, K. P., Cheah, Y. K., Fairuz, Z. A., Halim, S. N. A., Ng, S. W., Seng, H. L. and Tiekink, E. R. T., Potential alternative bactericidal agents: Triphenylphosphanegold(O-alkylthiocarbamates), $\text{Ph}_3\text{PAu}[\text{SC}(\text{OR})=\text{N}(\text{p-tolyl})]$ (R = Me, Et and *iPr*), 4th Asian Conference on Coordination Chemistry (ACCC4), Jeju International Convention Center, Jeju, South Korea, November 2013

10. Yeo, C. I., Seng, H. L., and Tiekink E. R. T., Phosphanegold(I) thiocarbamides: Biological study and crystal engineering, University Of Malaya Pharmaceutical Co-Crystal Symposium 2014, University of Malaya, Kuala Lumpur, Malaysia, July 2014
11. Yeo, C. I., Ooi, K. K., Akim, A. M., Ang, K. P., Fairuz, Z. A., Halim, S. N. A., Ng, S. W., Seng, H. L. and Tiekink, E. R. T., Tan, Y. S, Edwards, A. J., Ng, S. W., and Tiekink, E. R. T., Triphenylphosphinegold(I) Carbonimidothioates, $\text{Ph}_3\text{PAu}[\text{SC}(\text{OR})=\text{NPh}]$ (R = Me, Et And *i*Pr) and their in vitro cytotoxicity against HT- 29 colon cancer cell line, 15th Asian Chemical Congress 2013, Resorts World Sentosa, Singapore, August 2013
12. Yeo, C. I. Cheah, Y. K., Otero-de-la-Roza, A. and Tiekink, E. R. T., Binuclear Phosphanegold(I) Thiocarbamate: The importance of $\text{Au}\cdots\pi(\text{aryl})$ interactions and their anti-microbial activity, 42nd International Conference on Coordination Chemistry 2016, Le Quartz congrès, Brest, July 2016
13. Yeo, C. I., Phosphane metal(I) thiolate complexes and their crystal structures, The 29th Malaysian Analytical Chemistry Symposium (SKAM29), Bayview Beach Resort, Penang, Malaysia, August 2016