

Su Su Thae Hnit
School of Natural Sciences
Email: susuthae.hnit@mq.edu.au



Biography

Su Su Thae Hnit completed Bachelor of Medical Science (Honours) in 2013 and Doctor of Philosophy (Science) in 2018 at the School of Science and Health, Western Sydney University, Sydney, Australia. After graduation, Su Su Thae Hnit was offered a Post Doctoral position to join Cancer Biology Group led by Professor Qihan Dong, Greg Brown Laboratory, Central Clinical School and Charles Perkins Centre, The University of Sydney. In 2022, Su Su Thae Hnit was appointed as Research and Teaching Fellow in School of Natural Science, Faculty of Science and Engineering, Macquarie University.

Qualifications

Biological Science, Doctor of Philosophy, A combination of chine herb Hedyotis diffusa and Scutellaria barbata impairs mitotic entry of prostate cancer cells without eliciting DNA damage, Western Sydney University
... → 2018

Jul 2010 → Jun 2013 Bachelor of Medical Science (Honours)

Employment

Research and Teaching Fellow in Bioanalysis

School of Natural Sciences
Macquarie University
19 Apr 2022 → present

Research outputs

Improving SERS biosensors for the analysis of ovarian cancer-derived small extracellular vesicles

Ngo, L., Zhang, W., Hnit, S. S. T. & Wang, Y., 7 Jul 2023, In: Analyst. 148, 13, p. 3074-3086 13 p.

Apigenin impedes cell cycle progression at G₂ phase in prostate cancer cells

Hnit, S. S. T., Yao, M., Xie, C., Bi, L., Wong, M. W., Liu, T., De Souza, P., Li, Z. & Dong, Q., 7 Jun 2022, In: Discover Oncology. 13, 1, 12 p., 44.

Agrimol B present in *Agrimonia pilosa* Ledeb impedes cell cycle progression of cancer cells through G₀ state arrest

Hnit, S. S. T., Ding, R., Bi, L., Xie, C., Yao, M., De Souza, P., Xu, L., Li, Z. & Dong, Q., Sept 2021, In: Biomedicine and Pharmacotherapy. 141, p. 1-10 10 p., 111795.

Transcriptional regulation of G₂/M regulatory proteins and perturbation of G₂/M Cell cycle transition by a traditional Chinese medicine recipe

Hnit, S. S. T., Yao, M., Xie, C., Ge, G., Bi, L., Jin, S., Jiao, L., Xu, L., Long, L., Nie, H., Jin, Y., Rogers, L., Suchowerska, N., Wong, M., Liu, T., De Souza, P., Li, Z. & Dong, Q., 6 Apr 2020, In: Journal of Ethnopharmacology. 251, p. 1-12 12 p., 112526.

CPF impedes cell cycle re-entry of quiescent lung cancer cells through transcriptional suppression of FACT and c-MYC

Bi, L., Xie, C., Jiao, L., jin, S., Hnit, S. S. T., Mu, Y., Wang, Y., Wang, Q., Ge, G., Wang, Y., Zhao, X., Shi, X., Kang, Y., De Souza, P., Liu, T., Zhou, J., Xu, L. & Dong, Q., Feb 2020, In: Journal of Cellular and Molecular Medicine. 24, 3, p. 2229-2239 11 p.

The histone chaperone complex FACT promotes proliferative switch of G₀ cancer cells

Bi, L., Xie, C., Yao, M., Hnit, S. S. T., Vignaranjan, S., Wang, Y., Wang, Q., Xi, Z., xu, H., Li, Z., De Souza, P., Tee, A., Wong, M., Liu, T., Zhao, X., Zhou, J., Xu, L. & Dong, Q., 1 Jul 2019, In: International Journal of Cancer. 145, 1, p. 164-178 15 p.

p27^{Kip1} signaling: transcriptional and post-translational regulation

Hnit, S. S. T., Xie, C., Yao, M., Holst, J., Bensoussan, A., De Souza, P., Li, Z. & Dong, Q., Nov 2015, In: International Journal of Biochemistry and Cell Biology. 68, p. 9-14 6 p.