

# Stanford

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## Kristel Tjandra

Postdoctoral Research Fellow, Emergency Medicine

### Bio

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#### BIO

Dr Kristel Tjandra is currently a Postdoctoral Scholar in the School of Medicine at Stanford University. She obtained her doctorate degree in Australia, where she focused on the development of targeted cancer therapy using cell-targeting peptides as selective ligands. Her research interests span the field of nanomedicine, drug delivery, medicinal chemistry, and disease diagnostics. Working in the interface of chemistry and biology, she currently pursues a project that seeks to advance the diagnosis of bloodstream infection to slow down the spread and emergence of resistant organisms. Apart from conducting experiments, she enjoys engaging in science communication, community outreach and education.

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of New South Wales , Chemistry (2018)
- Bachelor of Medicinal Chemistry, University of New South Wales (2014)

#### STANFORD ADVISORS

- Samuel Yang, Postdoctoral Faculty Sponsor

#### LINKS

- LinkedIn: <https://www.linkedin.com/in/kristeltjandra/>
- NCBI: [https://www.ncbi.nlm.nih.gov/myncbi/1p\\_xvagA29NcZv/bibliography/public/](https://www.ncbi.nlm.nih.gov/myncbi/1p_xvagA29NcZv/bibliography/public/)
- Twitter: <https://twitter.com/KristelTjandra>
- ORCID: <https://orcid.org/0000-0002-6116-0548>

### Publications

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#### PUBLICATIONS

- **Modulating the Selectivity and Stealth Properties of Ellipsoidal Polymersomes through a Multivalent Peptide Ligand Display.** *Advanced healthcare materials*  
Tjandra, K. C., Forest, C. R., Wong, C. K., Alcantara, S., Kelly, H. G., Ju, Y., Stenzel, M. H., McCarroll, J. A., Kavallaris, M., Caruso, F., Kent, S. J., Thordarson, P.  
2020; e2000261
- **Identification of Novel Medulloblastoma Cell-Targeting Peptides for Use in Selective Chemotherapy Drug Delivery.** *Journal of medicinal chemistry*  
Tjandra, K. C., McCarthy, N., Yang, L., Laos, A. J., Sharbeen, G., Phillips, P. A., Forgham, H., Sagnella, S. M., Whan, R. M., Kavallaris, M., Thordarson, P., McCarroll, J. A.  
2020; 63 (5): 2181–93
- **Multivalency in Drug Delivery-When Is It Too Much of a Good Thing?** *BIOCONJUGATE CHEMISTRY*

Tjandra, K. C., Thordarson, P.  
2019; 30 (3): 503–14