

## Tamara Boltersdorf

Postdoctoral Scholar, Chemical and Systems Biology

### Bio

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#### INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

#### STANFORD ADVISORS

- James Chen, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Long-lived lanthanide emission via a pH-sensitive and switchable LRET complex** *CHEMICAL SCIENCE*  
Boltersdorf, T., Gavins, F. N. E., Long, N. J.  
2021; 8740-8745
- **In vivo delivery of a fluorescent FPR2/ALX-targeted probe using focused ultrasound and microbubbles to image activated microglia** *RSC CHEMICAL BIOLOGY*  
Morse, S. V., Boltersdorf, T., Chan, T. G., Gavins, F. N. E., Choi, J. J., Long, N. J.  
2020; 1 (5): 385-389
- **Targeting of Formyl Peptide Receptor 2 for in vivo imaging of acute vascular inflammation** *THERANOSTICS*  
Boltersdorf, T., Ansari, J., Senchenkova, E. Y., Groeper, J., Pajonczyk, D., Vital, S. A., Kaur, G., Alexander, J., Vogl, T., Rescher, U., Long, N. J., Gavins, F. N. E.  
2020; 10 (15): 6599-6614
- **Neuron labeling with rhodamine-conjugated Gd-based MRI contrast agents delivered to the brain via focused ultrasound** *THERANOSTICS*  
Morse, S., Boltersdorf, T., Harriss, B., Chan, T. G., Baxan, N., Jung, H., Pouliopoulos, A. N., Choi, J. J., Long, N. J.  
2020; 10 (6): 2659-2674
- **Development, characterisation and in vitro evaluation of lanthanide-based FPR2/ALX-targeted imaging probes** *DALTON TRANSACTIONS*  
Boltersdorf, T., Ansari, J., Senchenkova, E. Y., Jiang, L., White, A. J. P., Coogan, M., Gavins, F. N. E., Long, N. J.  
2019; 48 (44): 16764-16775