Stanford

Emily Cosco

Postdoctoral Research Fellow, Pathology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California Los Angeles (2020)
- Bachelor of Science, Denison University (2015)
- Master of Science, University of California Los Angeles (2017)
- Ph.D., University of California, Los Angeles , Chemistry (2020)
- B.S., Denison University , Chemistry (2015)

Research & Scholarship

LAB AFFILIATIONS

- Matthew Bogyo (1/25/2021)

Publications

PUBLICATIONS

- **Bright Chromenylium Polymethine Dyes Enable Fast, Four-Color In Vivo Imaging with Shortwave Infrared Detection.** *Journal of the American Chemical Society*
  Cosco, E. D., Arús, B. A., Spearman, A. L., Atallah, T. L., Lim, I. n., Leland, O. S., Caram, J. R., Bischof, T. S., Bruns, O. T., Sletten, E. M.
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- **Shortwave infrared polymethine fluorophores matched to excitation lasers enable non-invasive, multicolour in vivo imaging in real time** *NATURE CHEMISTRY*
  Cosco, E. D., Spearman, A. L., Ramakrishnan, S., Lingg, J. P., Saccomano, M., Pengshung, M., Arus, B. A., Wong, K. Y., Glasl, S., Ntziachristos, V., Warmer, M., McLaughlin, R. R., Bruns, et al
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- **Shortwave Infrared Imaging with J-Aggregates Stabilized in Hollow Mesoporous Silica Nanoparticles** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
  Chen, W., Cheng, C., Cosco, E. D., Ramakrishnan, S., Lingg, J. P., Bruns, O. T., Zink, J. I., Sletten, E. M.
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- **Flavylium Polymethine Fluorophores for Near- and Shortwave Infrared Imaging** *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*
  Cosco, E. D., Caram, J. R., Bruns, O. T., Franke, D., Day, R. A., Farr, E. P., Bawendi, M. G., Sletten, E. M.
  2017; 56 (42): 13126–29

- **Absence of Radiographic Abnormalities in Nursemaid's Elbows** *JOURNAL OF PEDIATRIC ORTHOPAEDICS*
  Eismann, E. A., Cosco, E. D., Wall, E. J.
  2014; 34 (4): 426–31