Stanford

Lauren Cote

Basic Life Res Scientist

Biology

Bio

BIO

I'm a developmental biologist with a background in planarian regeneration who is studying epithelial cells in Jessica Feldman's lab as a Damon Runyon Fellow supported by the Damon Runyon Cancer Research Foundation. I'm interested in understanding better how different kinds of epithelial cells, like the cells that line your gut and the cells that make up your skin, are able to correctly connect to one another and form fully continuous organs.

ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Biology

Publications

PUBLICATIONS

- **Argentine ant extract induces an osm-9 dependent chemotaxis response in C. elegans.** *microPublication biology*
  Alfonso, S. A., Arango Sumano, D., Bhatt, D. A., Cullen, A. B., Hajian, C. M., Huang, W., Jaeger, E. L., Li, E., Maske, A. K., Offenberg, E. G., Ta, V., Whiting, W. W., Adebogun, et al
  2023; 2023

- **Separable mechanisms drive local and global polarity establishment in the C. elegans intestinal epithelium.** *Development (Cambridge, England)*
  Pickett, M. A., Sallee, M. D., Cote, L., Naturale, V. F., Akpinaroglu, D., Lee, J., Shen, K., Feldman, J. L.
  2022

- **Won't You be My Neighbor: How Epithelial Cells Connect Together to Build Global Tissue Polarity.** *Frontiers in cell and developmental biology*
  Cote, L. E., Feldman, J. L.
  2022; 10: 887107

- **Proximity labeling reveals non-centrosomal microtubule-organizing center components required for microtubule growth and localization.** *Current biology : CB*
  Sanchez, A. D., Branon, T. C., Cote, L. E., Papagiannakis, A., Liang, X., Pickett, M. A., Shen, K., Jacobs-Wagner, C., Ting, A. Y., Feldman, J. L.
  2021