

Stanford



Alakananda Das

Postdoctoral Research Fellow, Molecular and Cellular Physiology

Bio

HONORS AND AWARDS

- HHMI International Student Research Fellowship, HHMI (2012-2015)
- Dissertation Completion Fellowship, University of North Carolina at Chapel Hill (2015-2016)

PROFESSIONAL EDUCATION

- Bachelor of Technology, Indian Institute of Technology, Kharagpur , Biotechnology (2010)
- Master of Technology, Indian Institute of Technology, Kharagpur (2010)
- Doctor of Philosophy, University of North Carolina, Chapel Hill (2016)

STANFORD ADVISORS

- Miriam Goodman, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **An in vitro System for Studying Nematode Mechanosensory Neurons**
Franco, J. A., Das, A., Pruitt, B., Goodman, M. B.
CELL PRESS.2020: 288A–289A
- **Progressive recruitment of distal MEC-4 channels determines touch response strength in *C. elegans*.** *The Journal of general physiology*
Katta, S., Sanzeni, A., Das, A., Vergassola, M., Goodman, M. B.
2019
- **Mechanosensitive upconverting nanoparticles for visualizing mechanical forces in vivo**
Lay, A., Siefe, C., Fischer, S., Mehlenbacher, R., Das, A., Nekimken, A., Ke, F., Mao, W., Pruitt, B., Cohen, B., Alivisatos, P., Goodman, M., Dionne, et al
AMER CHEMICAL SOC.2018
- **Loss of CaMKII function disrupts salt aversive learning in *C. elegans*.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
Lim, J. P., Fehlauer, H., Das, A., Saro, G., Glauser, D. A., Brunet, A., Goodman, M. B.
2018
- **Ultrasound Elicits Behavioral Responses through Mechanical Effects on Neurons and Ion Channels in a Simple Nervous System** *JOURNAL OF NEUROSCIENCE*
Kubanek, J., Shukla, P., Das, A., Baccus, S. A., Goodman, M. B.
2018; 38 (12): 3081–91
- **Crescerin uses a TOG domain array to regulate microtubules in the primary cilium** *MOLECULAR BIOLOGY OF THE CELL*
Das, A., Dickinson, D. J., Wood, C. C., Goldstein, B., Slep, K. C.

