Research & Scholarship

LAB AFFILIATIONS

• Miriam Goodman, WormSense (7/6/2015)
• Beth Pruitt, Microsystems (1/6/2014)

Publications

PUBLICATIONS

• Characterization of DEGT-1: A DEG/ENaC/ASIC Ion Channel Subunit Involved in Touch Sensation
  Fechner, S., Loizeau, F., Nekimken, A. L., D’Alessandro, I., Pruitt, B. L., Goodman, M. B.
  CELL PRESS. 2018: 157A

• Using a Microfluidics Device for Mechanical Stimulation and High Resolution Imaging of C. elegans
  JOVE-JOURNAL OF VISUALIZED EXPERIMENTS
  Fehlauer, H., Nekimken, A. L., Kim, A. A., Pruitt, B. L., Goodman, M. B., Krieg, M.
  2018

• Microfluidics for mechanobiology of model organisms. Methods in cell biology
  Kim, A. A., Nekimken, A. L., Fechner, S., O’Brien, L. E., Pruitt, B. L.
  2018; 146: 217–59

• Forces applied during classical touch assays for Caenorhabditis elegans
  PLOS ONE
  Nekimken, A. L., Mazzochette, E. A., Goodman, M. B., Pruitt, B. L.
  2017; 12 (5)

• Pneumatic stimulation of C. elegans mechanoreceptor neurons in a microfluidic trap. Lab on a chip
  2017

• Physical, structural, and dehydrogenation properties of ammonia borane in ionic liquids
  RSC ADVANCES
  2014; 4 (42): 21681-21687