Department of Biology presents a seminar

Dr. Karine Gousset

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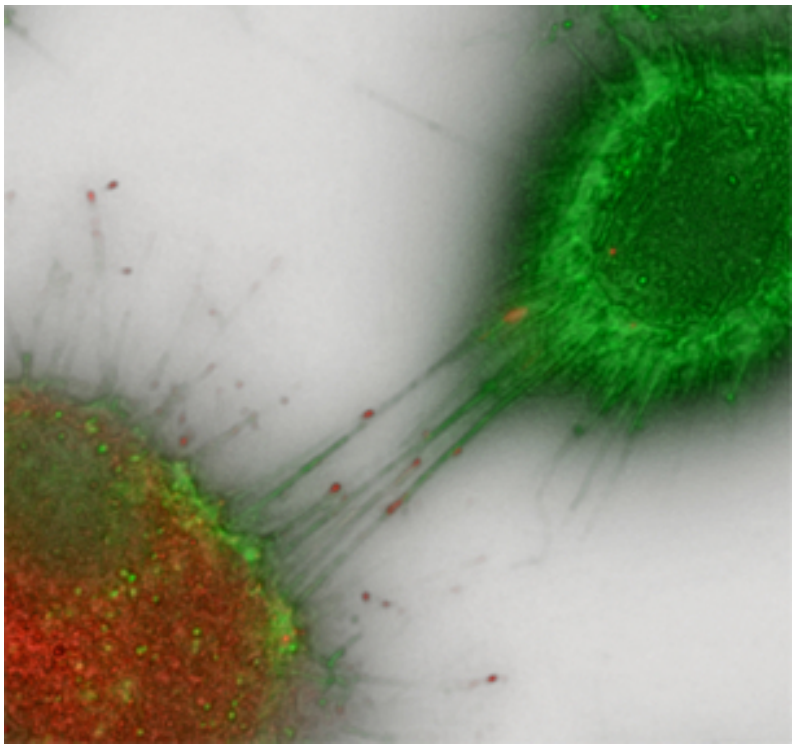
"The role of tunneling nanotubes and Myosin X in disease"



The focus of my laboratory is on the role of tunneling nanotubes (TNTs), a novel mechanism of functional connectivity between cells, in the spreading of viruses, misfolded protein aggregates (leading to neurodegenerative diseases), as well as the role they may play in the proliferation and persistence of cancer. My lab is specifically interested in understanding the role of Myosin X, an unconventional actin molecular motor, in TNT formation. We are currently using techniques from bioinformatics, proteomics, structural biology, evolutionary biology, molecular biology, cell biology, and virology to help uncover these underlying mechanisms.

Friday, February 6, 2015

3:00 – 4:00 PM
Science 2, room 109

For further information: www.csufresno.edu/biology. If you need a disability-related accommodation or wheelchair access, please contact Lindasue Garner at the Department of Biology at 278-2001 or e-mail lgarner@csufresno.edu (at least one week prior to event).