LSE
CBE—LIFE SCIENCES EDUCATION
VOLUME 22 • FALL 2023 • www.lifescied.org

Table of Contents

GENERAL ESSAYS AND ARTICLES

On the Cover

Subcellular optogenetic control of the concentration of active G protein subunits leads to a polarized response in a RAW 264.7 macrophage cell. Optically recruiting mCherry CRY2-GRK2ct to one side of a cell (red) results in a directional response with an increase in a PIP3 sensor (green) and lamellipodia formation on the opposing side. by Patrick R. O'Neill and N. Gautam, Washington University School of Medicine