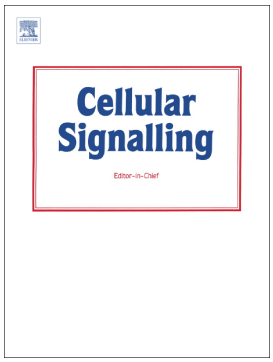

Lysophosphatidic acid regulates the motility of MCF10CA1a breast cancer cell sheets via two opposing signaling pathways

Christina H. Stuelten, Rachel M. Lee, Wolfgang Losert, Carole A. Parent

PII: S0898-6568(18)30011-1
DOI: https://doi.org/10.1016/j.cellsig.2018.01.005
Reference: CLS 9047

To appear in: *Cellular Signalling*

Received date: 2 October 2017
Revised date: 22 December 2017
Accepted date: 7 January 2018

Please cite this article as: Christina H. Stuelten, Rachel M. Lee, Wolfgang Losert, Carole A. Parent , Lysophosphatidic acid regulates the motility of MCF10CA1a breast cancer cell sheets via two opposing signaling pathways. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Cls(2017), https://doi.org/10.1016/j.cellsig.2018.01.005

Lysophosphatidic acid regulates the motility of MCF10CA1a breast cancer cell sheets via two opposing signaling pathways

Christina H. Stuelten[1*], Rachel M. Lee[1,2], Wolfgang Losert[1,2], Carole A. Parent[1,3,*]

Affiliations:
[1]Laboratory of Cellular and Molecular Biology, Center for Cancer Research, National Cancer Institute, Bethesda, MD
[2]Department of Physics, Physical Sciences Complex, University of Maryland, College Park, MD
[3]Present address: Department of Pharmacology, Michigan Medicine, Life Sciences Institute, University of Michigan, Ann Arbor, MI

***Co-corresponding authors:**

Christina H. Stuelten
Laboratory of Cellular and Molecular Biology,
Center for Cancer Research, National Cancer Institute
37 Convent Drive, Bldg 37, Room 2066
Bethesda, MD 20892
Phone: 240-760-6855
e-mail: chrisstu@mail.nih.gov

Carole A. Parent
Department of Pharmacology, Michigan Medicine
Life Sciences Institute
University of Michigan
210 Washtenaw Avenue, Office 4437
Ann Arbor, MI 48109-2216
Tel: 734-647-2209
Email: parentc@umich.edu