## Accepted Manuscript

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

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## **ACCEPTED MANUSCRIPT**

### Lysophosphatidic acid regulates the motility of MCF10CA1a breast

#### cancer cell sheets via two opposing signaling pathways

Christina H. Stuelten<sup>1\*</sup>, Rachel M. Lee<sup>1,2</sup>, Wolfgang Losert<sup>1,2</sup>, Carole A. Parent<sup>1,3,\*</sup>

#### Affiliations:

 <sup>1</sup>Laboratory of Cellular and Molecular Biology, Center for Cancer Research, National Cancer Institute, Bethesda, MD
<sup>2</sup>Department of Physics, Physical Sciences Complex, University of Maryland, College Park, MD
<sup>3</sup>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: <u>parentc@umich.edu</u> Download English Version:

# https://daneshyari.com/en/article/8308782

Download Persian Version:

https://daneshyari.com/article/8308782

Daneshyari.com