

## Accepted Manuscript

Title: Quantitative modelling of epithelial morphogenesis:  
integrating cell mechanics and molecular dynamics

Author: Jessica C. Yu Rodrigo Fernandez-Gonzalez

PII: S1084-9521(16)30234-8

DOI: <http://dx.doi.org/doi:10.1016/j.semcdb.2016.07.030>

Reference: YSCDB 2097

To appear in: *Seminars in Cell & Developmental Biology*

Received date: 16-2-2016

Revised date: 28-6-2016

Accepted date: 27-7-2016



Please cite this article as: Yu Jessica C, Fernandez-Gonzalez Rodrigo. Quantitative modelling of epithelial morphogenesis: integrating cell mechanics and molecular dynamics. *Seminars in Cell and Developmental Biology* <http://dx.doi.org/10.1016/j.semcdb.2016.07.030>

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.

**Quantitative modelling of epithelial morphogenesis: integrating cell mechanics and molecular dynamics**

Jessica C. Yu<sup>1</sup> and Rodrigo Fernandez-Gonzalez<sup>1,2,3,\*</sup>

<sup>1</sup> Institute of Biomaterials and Biomedical Engineering, University of Toronto, Toronto, ON, M5S 3G9, Canada.

<sup>2</sup> Department of Cell and Systems Biology, University of Toronto, Toronto, ON, M5S 3G5, Canada.

<sup>3</sup> Developmental and Stem Cell Biology Program, The Hospital for Sick Children, Toronto, ON, M5G 1X8, Canada.

\* Corresponding author:

email: [rodrigo.fernandez.gonzalez@utoronto.ca](mailto:rodrigo.fernandez.gonzalez@utoronto.ca)

phone: 416-978-7368

fax: 416-978-4317

Download English Version:

<https://daneshyari.com/en/article/5534908>

Download Persian Version:

<https://daneshyari.com/article/5534908>

[Daneshyari.com](https://daneshyari.com)