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www.elsevier.com/locate/jmps

PII: S0022-5096(14)00107-0
DOI: <http://dx.doi.org/10.1016/j.jmps.2014.05.016>
Reference: MPS2485

To appear in: *Journal of the Mechanics and Physics of Solids*

Received date: 19 September 2013
Revised date: 5 May 2014
Accepted date: 31 May 2014

Cite this article as: Shijie He, Yewang Su, Baohua Ji, Huajian Gao, SOME BASIC QUESTIONS ON MECHANOSENSING IN CELL-SUBSTRATE INTERACTION, *Journal of the Mechanics and Physics of Solids*, <http://dx.doi.org/10.1016/j.jmps.2014.05.016>

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JMPS-D-13-00446
Revised /05-May-2014

SOME BASIC QUESTIONS ON MECHANOSENSING IN CELL-SUBSTRATE INTERACTION

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Abstract

Cells constantly probe their surrounding microenvironment by pushing and pulling on the extracellular matrix (ECM). While it is widely accepted that cell induced traction forces at the cell-matrix interface play essential roles in cell signaling, cell migration and tissue morphogenesis, a number of puzzling questions remain with respect to mechanosensing in

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