## Author's Accepted Manuscript

A biphasic multiscale study of the mechanical microenvironment of Chondrocytes within articular cartilage under unconfined compression

Hongqiang Guo, Suzanne A. Maher, Peter A. Torzilli



www.elsevier.com/locate/jbiomech

PII: S0021-9290(14)00282-6

DOI: http://dx.doi.org/10.1016/j.jbiomech.2014.05.001

Reference: BM6656

To appear in: Journal of Biomechanics

Accepted date: 3 May 2014

Cite this article as: Hongqiang Guo, Suzanne A. Maher, Peter A. Torzilli, A biphasic multiscale study of the mechanical microenvironment of Chondrocytes within articular cartilage under unconfined compression, *Journal of Biomechanics*, http://dx.doi.org/10.1016/j.jbiomech.2014.05.001

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 galley proof before it is published in its final citable 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

1 Title: A Biphasic Multiscale Study of the Mechanical Microenvironment of Chondrocytes within Articular Cartilage under Unconfined Compression 2 3 4 **Authors:** Hongqiang Guo, Suzanne A. Maher, and Peter A. Torzilli 5 Affiliation: Hospital for Special Surgery, 535 East 70th Street, New York, NY 10021 USA 6 7 Corresponding author: Hongqiang Guo ew Yo. 8 Address: Hospital for Special Surgery, 535 East 70th Street New York, NY 12180 9 **Tel:** +1 212-606-1013 **Fax:** +1 212-249-2373 10 11 Email: guoh@hss.edu 12 **Words:** 3495 13

## Download English Version:

## https://daneshyari.com/en/article/10431857

Download Persian Version:

https://daneshyari.com/article/10431857

<u>Daneshyari.com</u>