

Author's Accepted Manuscript

Combination of flow and micropattern alignment
affecting flow-resistant endothelial cell adhesion

Xianghui Gong, Jie Yao, Hongping He, Xixi Zhao,
Xiaoyi Liu, Feng Zhao, Yan Sun, Yubo Fan



PII: S1751-6161(17)30188-1
DOI: <http://dx.doi.org/10.1016/j.jmbbm.2017.04.028>
Reference: JMBBM2317

To appear in: *Journal of the Mechanical Behavior of Biomedical Materials*

Received date: 24 January 2017
Revised date: 25 April 2017
Accepted date: 27 April 2017

Cite this article as: Xianghui Gong, Jie Yao, Hongping He, Xixi Zhao, Xiaoyi Liu, Feng Zhao, Yan Sun and Yubo Fan, Combination of flow and micropattern alignment affecting flow-resistant endothelial cell adhesion, *Journal of the Mechanical Behavior of Biomedical Materials* <http://dx.doi.org/10.1016/j.jmbbm.2017.04.028>

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 a 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.

Combination of flow and micropattern alignment affecting flow-resistant endothelial cell adhesion

Xianghui Gong^{a,c1*}, Jie Yao^{a1}, Hongping He^a, Xixi Zhao^a, Xiaoyi Liu^a,

Feng Zhao^a, Yan Sun^{a,c*}, Yubo Fan^{a,b*}

^a*Key Laboratory for Biomechanics and Mechanobiology of Ministry of Education, School of Biological Science and Medical Engineering, Beihang University, Beijing 100191, People's Republic of China*

^b*National Research Center for Rehabilitation Technical Aids, Beijing 100176, People's Republic of China*

^c*State Key Laboratory of Transducer Technology, Chinese Academy of Sciences, Shanghai 200050, People's Republic of China*

¹The two authors contributed equally to this work.

*Corresponding author: Xianghui Gong, Yan Sun, Yubo Fan

Tel.: 86-10-82339428; Fax: 86-10-82339428

Email address: xhgong@buaa.edu.cn; sunyan@buaa.edu.cn; yubofan@buaa.edu.cn

Download English Version:

<https://daneshyari.com/en/article/5020391>

Download Persian Version:

<https://daneshyari.com/article/5020391>

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