

## Accepted Manuscript

Role of nanoparticle size, shape and surface chemistry in oral drug delivery

Amrita Banerjee, Jianping Qi, Rohan Gogoi, Jessica Wong, Samir Mitragotri

PII: S0168-3659(16)30497-7  
DOI: doi: [10.1016/j.jconrel.2016.07.051](https://doi.org/10.1016/j.jconrel.2016.07.051)  
Reference: COREL 8408

To appear in: *Journal of Controlled Release*

Received date: 23 April 2016  
Revised date: 11 July 2016  
Accepted date: 29 July 2016



Please cite this article as: Amrita Banerjee, Jianping Qi, Rohan Gogoi, Jessica Wong, Samir Mitragotri, Role of nanoparticle size, shape and surface chemistry in oral drug delivery, *Journal of Controlled Release* (2016), doi: [10.1016/j.jconrel.2016.07.051](https://doi.org/10.1016/j.jconrel.2016.07.051)

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.

**Role of Nanoparticle Size, Shape and Surface Chemistry in Oral Drug Delivery**

Amrita Banerjee<sup>1\*</sup>, Jianping Qi<sup>1, 2\*</sup>, Rohan Gogoi<sup>3</sup>, Jessica Wong<sup>1</sup> and Samir Mitragotri<sup>1,4#</sup>

<sup>1</sup>Department of Chemical Engineering, University of California, Santa Barbara, Santa Barbara, CA 93106, USA, <sup>2</sup>School of Pharmacy, Fudan University, Shanghai 201203, PR China, <sup>3</sup>College of Letters and Science, University of California, Santa Barbara, Santa Barbara, CA 93106, USA, <sup>4</sup>Center for Bioengineering, University of California, Santa Barbara, Santa Barbara, CA 93106, USA

#Address for correspondence:

Prof. Samir Mitragotri

Department of Chemical Engineering, Engineering II, Room 3349,

University of California, Santa Barbara, CA 93106-5080, USA

Phone: (805) 893- 7532

Fax: (805) 893-4731

Email: samir@engineering.ucsb.edu

\* These authors have contributed equally.

Download English Version:

<https://daneshyari.com/en/article/7861262>

Download Persian Version:

<https://daneshyari.com/article/7861262>

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