Accepted Manuscript

Chitosan-fatty acid interaction mediated growth of Langmuir monolayer and Langmuir-Blodgett films

Ikbal Ahmed, Lucky Dildar, Anamul Haque, Prasun Patra, Mala Mukhopadhyay, Satyajit Hazra, Manish Kulkarni, Sabu Thomas, Jasper R. Plaisier, Shyamal Baran Dutta, Jayanta Kumar Bal

PII: S0021-9797(17)31427-3

DOI: https://doi.org/10.1016/j.jcis.2017.12.037

Reference: YJCIS 23109

To appear in: Journal of Colloid and Interface Science

Received Date: 19 September 2017 Revised Date: 13 December 2017 Accepted Date: 14 December 2017



Please cite this article as: I. Ahmed, L. Dildar, A. Haque, P. Patra, M. Mukhopadhyay, S. Hazra, M. Kulkarni, S. Thomas, J.R. Plaisier, S. Baran Dutta, J. Kumar Bal, Chitosan-fatty acid interaction mediated growth of Langmuir monolayer and Langmuir-Blodgett films, *Journal of Colloid and Interface Science* (2017), doi: https://doi.org/10.1016/j.jcis.2017.12.037

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.

ACCEPTED MANUSCRIPT

Chitosan-fatty acid interaction mediated growth of Langmuir monolayer and Langmuir-Blodgett films

Ikbal Ahmed ^a, Lucky Dildar ^a, Anamul Haque ^a, Prasun Patra ^a, Mala Mukhopadhyay ^{b,#}, Satyajit Hazra ^b, Manish Kulkarni ^c, Sabu Thomas ^d, Jasper R. Plaisier ^e, Shyamal Baran Dutta ^f, Jayanta Kumar Bal ^{a, f, *}

- ^a Centre for Research in Nanoscience and Nanotechnology, University of Calcutta, Technology Campus, Block JD2, Sector III, Saltlake City, Kolkata 700098, India
- b Saha Institute of Nuclear Physics, 1/AF Bidhannagar, Kolkata 700064, India
- ^c Center for Nanosciences, Indian Institute of Technology, Kanpur 208016, India
- d International and Inter University Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam 686560, India
- ^e Elettra Sincrotrone Trieste S.C.p.A., S.S. 14 Km 163.5 in Area Science Park, 34149 Basovizza, Trieste, Italy
- f Abhedananda Mahavidyalaya, University of Burdwan, Sainthia, 731234, India

*Corresponding Author; Email: jayanta.bal@gmail.com

*Present Address: B R A Bihar University, Muzaffarpur 842001, India

Download English Version:

https://daneshyari.com/en/article/6992420

Download Persian Version:

https://daneshyari.com/article/6992420

<u>Daneshyari.com</u>