

## Accepted Manuscript

Graphene oxide-doping improves the biocompatibility and separation performance of polyethersulfone hollow fiber membranes for bioartificial kidney application

Akshay Modi, Surendra Kumar Verma, Jayesh Bellare

PII: S0021-9797(17)31434-0  
DOI: <https://doi.org/10.1016/j.jcis.2017.12.044>  
Reference: YJCIS 23116

To appear in: *Journal of Colloid and Interface Science*

Received Date: 11 November 2017  
Revised Date: 7 December 2017  
Accepted Date: 17 December 2017

Please cite this article as: A. Modi, S. Kumar Verma, J. Bellare, Graphene oxide-doping improves the biocompatibility and separation performance of polyethersulfone hollow fiber membranes for bioartificial kidney application, *Journal of Colloid and Interface Science* (2017), doi: <https://doi.org/10.1016/j.jcis.2017.12.044>

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.



**Graphene oxide-doping improves the biocompatibility and separation performance of polyethersulfone hollow fiber membranes for bioartificial kidney application**

Akshay Modi<sup>1</sup>, Surendra Kumar Verma<sup>1</sup>, Jayesh Bellare<sup>1,2</sup>

<sup>1</sup>Department of Chemical Engineering, Indian Institute of Technology Bombay, Mumbai,  
Maharashtra, India – 400076

<sup>2</sup>Wadhvani Research Centre for Bioengineering, Indian Institute of Technology Bombay, Mumbai,  
Maharashtra, India – 400076

\*Corresponding author. Tel.: +91 22 2576 7207/4217; fax: +91 22 2572 6895  
E-mail address: jb@iitb.ac.in (Jayesh Bellare).

Download English Version:

<https://daneshyari.com/en/article/6992815>

Download Persian Version:

<https://daneshyari.com/article/6992815>

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