## Accepted Manuscript

Title: Poly(4-vinylaniline)/polyaniline bilayer functionalized bacterial cellulose membranes as bioelectronics interfaces

Authors: Ana Rebelo, Yang Liu, Changqing Liu, Karl-Herbert Schäfer, Monika Saumer, Guang Yang

PII: S0144-8617(18)31193-7

DOI: https://doi.org/10.1016/j.carbpol.2018.10.017

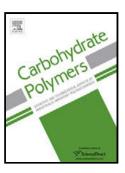
Reference: CARP 14149

To appear in:

Received date: 6-8-2018 Revised date: 5-10-2018 Accepted date: 6-10-2018

Please cite this article as: Rebelo A, Liu Y, Liu C, Schäfer K-Herbert, Saumer M, Yang G, Poly(4-vinylaniline)/polyaniline bilayer functionalized bacterial cellulose membranes as bioelectronics interfaces, *Carbohydrate Polymers* (2018), https://doi.org/10.1016/j.carbpol.2018.10.017

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

Poly(4-vinylaniline)/polyaniline bilayer functionalized bacterial cellulose membranes as bioelectronics interfaces

Ana Rebelo<sup>a,b</sup>, Yang Liu<sup>a,b</sup>, Changqing Liu<sup>a,\*</sup>, Karl-Herbert Schäfer<sup>c</sup>, Monika Saumer<sup>c</sup>, Guang Yang<sup>d</sup>

<sup>a</sup>Wolfson School of Mechanical, Electrical and Manufacturing Engineering, Loughborough University, Loughborough, LE11 3TU, UK

<sup>b</sup>Centre for Biological Engineering, Holywell Park, Loughborough University, Loughborough, LE11 3TU, UK

<sup>c</sup>Department of Applied Sciences, University of Applied Sciences Kaiserslautern, Zweibrücken, 66482, Germany

<sup>d</sup>Department of Biomedical Engineering, College of Life Science and Technology, Huazhong University of Science and Technology, Wuhan, 1037, PR China

## \* Corresponding Author

E-mail: <u>c.liu@lboro.ac.uk</u>. Phone: +44 (0)1509227681

Graphical abstract

#### Download English Version:

# https://daneshyari.com/en/article/11262961

Download Persian Version:

https://daneshyari.com/article/11262961

<u>Daneshyari.com</u>