## Accepted Manuscript

Title: Development of Reactor Configurations for an Electrofuels Platform Utilizing Genetically Modified Iron Oxidizing Bacteria for the Reduction of CO<sub>2</sub> to Biochemicals

Authors: Jingyang Guan, Sarah A. Berlinger, Xiaozheng Li, Zhongmou Chao, Victor Sousa e Silva, Scott Banta, Alan C. West



PII: S0168-1656(17)30041-X

DOI: http://dx.doi.org/doi:10.1016/j.jbiotec.2017.02.004

Reference: BIOTEC 7785

To appear in: Journal of Biotechnology

Received date: 13-9-2016 Revised date: 11-1-2017 Accepted date: 6-2-2017

Please cite this article as: Guan, Jingyang, Berlinger, Sarah A., Li, Xiaozheng, Chao, Zhongmou, Silva, Victor Sousa e, Banta, Scott, West, Alan C., Development of Reactor Configurations for an Electrofuels Platform Utilizing Genetically Modified Iron Oxidizing Bacteria for the Reduction of CO2 to Biochemicals. Journal of Biotechnology http://dx.doi.org/10.1016/j.jbiotec.2017.02.004

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.

Development of Reactor Configurations for an Electrofuels Platform Utilizing

Genetically Modified Iron Oxidizing Bacteria for the Reduction of CO2 to

**Biochemicals** 

Jingyang Guan<sup>1</sup>, Sarah A. Berlinger<sup>1</sup>, Xiaozheng Li, Zhongmou Chao, Victor Sousa e Silva, Scott

Banta, and Alan C. West\*

Department of Chemical Engineering, Columbia University, 500 W 120th Street, New York, NY

10027, USA

<sup>1</sup>These authors contributed equally to this work.

\*To whom correspondence should be addressed:

Email: acw7@columbia.edu

Telephone: (212) 854-4452

Fax: (212) 854-3054

1

## Download English Version:

## https://daneshyari.com/en/article/4753698

Download Persian Version:

https://daneshyari.com/article/4753698

<u>Daneshyari.com</u>