Accepted Manuscript

Title: Emulsifying properties of ruptured microalgae cells: Barriers to lipid extraction or promising biosurfactants?

Authors: Sam Q.K. Law, Srinivas Mettu, Muthupandian Ashokkumar, Peter J. Scales, Gregory J.O. Martin

PII: S0927-7765(18)30418-1

DOI: https://doi.org/10.1016/j.colsurfb.2018.06.047

Reference: COLSUB 9437

To appear in: Colloids and Surfaces B: Biointerfaces

Received date: 13-3-2018 Revised date: 20-6-2018 Accepted date: 20-6-2018

Please cite this article as: Law SQK, Mettu S, Ashokkumar M, Scales PJ, Martin GJO, Emulsifying properties of ruptured microalgae cells: Barriers to lipid extraction or promising biosurfactants?, *Colloids and Surfaces B: Biointerfaces* (2018), https://doi.org/10.1016/j.colsurfb.2018.06.047

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.



Emulsifying properties of ruptured microalgae cells: Barriers to lipid extraction or promising biosurfactants?

Sam Q. K. Law¹, Srinivas Mettu^{1,2}, Muthupandian Ashokkumar², Peter J. Scales¹, Gregory J. O. Martin¹*

¹Algal Processing Group, Department of Chemical Engineering, The University of Melbourne, Parkville, Victoria 3010, Australia.

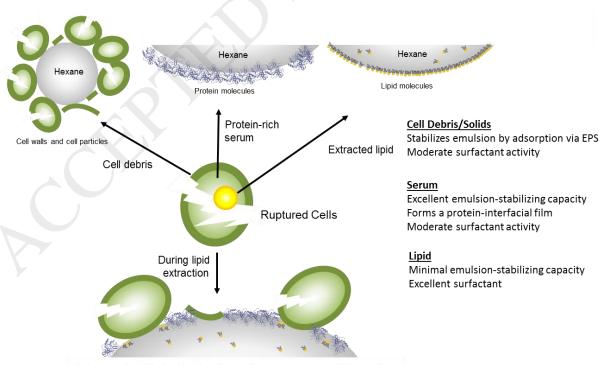
² School of Chemistry, The University of Melbourne, Parkville, Victoria 3010, Australia

*Corresponding author: telephone: +61-3-8344-6613; e-mail: gjmartin@unimelb.edu.au

Number of words of article: 5759 words

Tables/figures: 7 figures

Graphical Abstract:



Interrupted interfacial film due to competitive adsorption

Download English Version:

https://daneshyari.com/en/article/6980230

Download Persian Version:

https://daneshyari.com/article/6980230

<u>Daneshyari.com</u>