

Accepted Manuscript

Microbial acclimatization to lipidic–waste facilitates the efficacy of acidogenic fermentation

Shouvik Saha, Byong-Hun Jeon, Mayur B. Kurade, Pradip K. Chatterjee, Soon Woong Chang, Kesavan Markkandan, El-Sayed Salama, Sanjay P. Govindwar, Hyun-Seog Roh

PII: S1385-8947(18)31940-5
DOI: <https://doi.org/10.1016/j.cej.2018.09.220>
Reference: CEJ 20059

To appear in: *Chemical Engineering Journal*

Received Date: 26 July 2018
Revised Date: 17 September 2018
Accepted Date: 30 September 2018

Please cite this article as: S. Saha, B-H. Jeon, M.B. Kurade, P.K. Chatterjee, S.W. Chang, K. Markkandan, E-S. Salama, S.P. Govindwar, H-S. Roh, Microbial acclimatization to lipidic–waste facilitates the efficacy of acidogenic fermentation, *Chemical Engineering Journal* (2018), doi: <https://doi.org/10.1016/j.cej.2018.09.220>

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.



**Microbial acclimatization to lipidic-waste facilitates the efficacy of acidogenic
fermentation**

Shouvik Saha ^a, Byong-Hun Jeon ^{a,*}, Mayur B. Kurade ^a, Pradip K. Chatterjee ^b, Soon
Woong Chang ^c, Kesavan Markkandan ^d, El-Sayed Salama ^a, Sanjay P. Govindwar ^a, Hyun-
Seog Roh ^{e,*}

^aDepartment of Earth Resources and Environmental Engineering, Hanyang University, Seoul
04763, Republic of Korea.

^bEnergy Research and Technology, CSIR Central Mechanical Engineering Research Institute,
Durgapur 713-209, India.

^cDepartment of Environmental Energy & Engineering, Kyonggi University, Suwon 16227,
Republic of Korea.

^dTheragen ETEX Bio Institute, Suwon 16229, Republic of Korea.

^eDepartment of Environmental Engineering, Yonsei University, Wonju, Gangwon-do 26493,
Republic of Korea.

***Correspondence:**

Byong-Hun Jeon, Department of Earth Resources and Environmental Engineering, Hanyang
University, Seoul 04763, Republic of Korea.

E-mail: bhjeon@hanyang.ac.kr; Tel.: +82 2 2220 2242, Fax: +82 2 2281 7769.

Hyun-Seog Roh, Department of Environmental Engineering, Yonsei University, Wonju,
Gangwon-do 26493, Republic of Korea.

E-mail: hsroh@yonsei.ac.kr; Fax: (+82) 33- 760- 2571.

Download English Version:

<https://daneshyari.com/en/article/11016646>

Download Persian Version:

<https://daneshyari.com/article/11016646>

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