

Accepted Manuscript

Simultaneous methane abatement and PHB production by *Methylocystis hirsuta* in a novel gas-recycling bubble column bioreactor

Teresa García-Pérez, Juan C. López, Fabiana Passos, Raquel Lebrero, Sergio Revah, Raúl Muñoz

PII: S1385-8947(17)31821-1
DOI: <https://doi.org/10.1016/j.cej.2017.10.106>
Reference: CEJ 17890

To appear in: *Chemical Engineering Journal*

Received Date: 28 August 2017
Revised Date: 15 October 2017
Accepted Date: 17 October 2017

Please cite this article as: T. García-Pérez, J.C. López, F. Passos, R. Lebrero, S. Revah, R. Muñoz, Simultaneous methane abatement and PHB production by *Methylocystis hirsuta* in a novel gas-recycling bubble column bioreactor, *Chemical Engineering Journal* (2017), doi: <https://doi.org/10.1016/j.cej.2017.10.106>

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.



Simultaneous methane abatement and PHB production by *Methylocystis hirsuta* in a novel gas-recycling bubble column bioreactor

Teresa García-Pérez^{a,b}, Juan C. López^a, Fabiana Passos^c, Raquel Lebrero^a, Sergio Revah^b, Raúl Muñoz^{a,*}

^a Department of Chemical Engineering and Environmental Technology, School of Industrial Engineering, University of Valladolid, Dr. Mergelina, s/n, 47011, Valladolid Spain.

^b Departamento de Procesos y Tecnología. Universidad Autónoma Metropolitana Unidad Cuajimalpa, Avenida Vasco de Quiroga 4871. Col. Santa Fé Cuajimalpa. Delegación Cuajimalpa de Morelos, Ciudad de México, México.

^c Department of Sanitary and Environmental Engineering, Universidade Federal de Minas Gerais (UFMG), Av. Antonio Carlos 6627, 31270-901, Belo Horizonte, Brazil.

*Corresponding author: mutora@iq.uva.es

Download English Version:

<https://daneshyari.com/en/article/6581056>

Download Persian Version:

<https://daneshyari.com/article/6581056>

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