

# Accepted Manuscript

Review

Carbon dioxide capture, storage and production of biofuel and biomaterials by bacteria: A review

Manish Kumar, Smita Sundaram, Edgard Gnansounou, Christian Larroche, Indu Shekhar Thakur

PII: S0960-8524(17)31599-7  
DOI: <http://dx.doi.org/10.1016/j.biortech.2017.09.050>  
Reference: BITE 18878

To appear in: *Bioresource Technology*

Received Date: 30 July 2017  
Revised Date: 5 September 2017  
Accepted Date: 6 September 2017

Please cite this article as: Kumar, M., Sundaram, S., Gnansounou, E., Larroche, C., Thakur, I.S., Carbon dioxide capture, storage and production of biofuel and biomaterials by bacteria: A review, *Bioresource Technology* (2017), doi: <http://dx.doi.org/10.1016/j.biortech.2017.09.050>

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.



**Carbon dioxide capture, storage and production of biofuel and biomaterials by bacteria: A review**

Manish Kumar<sup>a</sup>, Smita Sundaram<sup>b</sup>, Edgard Gnansounou<sup>c</sup>, Christian Larroche<sup>d</sup> and Indu Shekhar Thakur<sup>a\*</sup>

<sup>a</sup>School of Environmental Sciences, Jawaharlal Nehru University, New Delhi-110 067, India

<sup>b</sup>Advanced Instrument Research Facility, Jawaharlal Nehru University; New Delhi-110 067, India.

<sup>c</sup>Swiss Federal Institute of Technology Lausanne (EPFL), Lausanne, Switzerland

<sup>d</sup>Polytech Clermont-Ferrand, Université Blaise Pascal, Aubière, France,

**The name of the corresponding author, address, telephone number and e-mail address:**

Prof. Indu Shekhar Thakur

School of Environmental Sciences

Jawaharlal Nehru University

New Delhi - 110067, India

E- mail: [isthakur@hotmail.com](mailto:isthakur@hotmail.com) (I.S. Thakur), [manishkumar.bt@gmail.com](mailto:manishkumar.bt@gmail.com) (M. Kumar),

[smitasundaram1@gmail.com](mailto:smitasundaram1@gmail.com) (S. Sundaram)

Telephone no: +91-011-26704321 (O); Fax no. 011-26717586

Download English Version:

<https://daneshyari.com/en/article/7069252>

Download Persian Version:

<https://daneshyari.com/article/7069252>

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