

## Accepted Manuscript

Improved polycyclic aromatic hydrocarbon degradation in a crude oil by individual and a consortium of bacteria

Smita Kumari, Raj Kumar Regar, Natesan Manickam

PII: S0960-8524(18)30089-0  
DOI: <https://doi.org/10.1016/j.biortech.2018.01.075>  
Reference: BITE 19432

To appear in: *Bioresource Technology*

Received Date: 15 November 2017  
Revised Date: 9 January 2018  
Accepted Date: 15 January 2018

Please cite this article as: Kumari, S., Kumar Regar, R., Manickam, N., Improved polycyclic aromatic hydrocarbon degradation in a crude oil by individual and a consortium of bacteria, *Bioresource Technology* (2018), doi: <https://doi.org/10.1016/j.biortech.2018.01.075>

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.



**Improved polycyclic aromatic hydrocarbon degradation in a crude oil by individual and a consortium of bacteria**

**Smita Kumari<sup>a,b</sup>, Raj Kumar Regar<sup>a,c</sup>, Natesan Manickam<sup>a,b\*</sup>**

<sup>a</sup>Environmental Biotechnology Laboratory, <sup>b</sup>Academy of Scientific and Innovative Research, CSIR-Indian Institute of Toxicology Research, Vishvigyan Bhawan,

31 Mahatma Gandhi Marg, Lucknow-226001, Uttar Pradesh, India.

<sup>c</sup>Department of Biochemistry, School of Dental Sciences, Babu Banarsi Das University (BBDU), Lucknow-226028, Uttar Pradesh, India

\*Corresponding Author

Dr. Natesan Manickam

Senior Principal Scientist, Environmental Biotechnology Division

CSIR-Indian Institute of Toxicology Research, Mahatma Gandhi Marg, Lucknow-226001, India.

E-mail: nmanickam@iitr.res.in, Telephone: +91-9450110787, Fax: +91-522-2628227.

Download English Version:

<https://daneshyari.com/en/article/7068137>

Download Persian Version:

<https://daneshyari.com/article/7068137>

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