Accepted Manuscript

Biosurfactant and exopolysaccharide-assisted rhizobacterial technique for the remediation of heavy metal contaminated soil: An advancement in metal phytoremediation technology

Shatrohan Lal, Sheel Ratna, Olfa Ben Said, Rajesh Kumar

PII: S2352-1864(17)30408-X

DOI: https://doi.org/10.1016/j.eti.2018.02.011

Reference: ETI 212

To appear in: Environmental Technology & Innovation

Received date: 2 December 2017 Revised date: 20 February 2018 Accepted date: 25 February 2018

Please cite this article as: Lal S., Ratna S., Said O.B., Kumar R., Biosurfactant and exopolysaccharide-assisted rhizobacterial technique for the remediation of heavy metal contaminated soil: An advancement in metal phytoremediation technology. *Environmental Technology & Innovation* (2018), https://doi.org/10.1016/j.eti.2018.02.011

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.



ACCEPTED MANUSCRIPT

Full title: Biosurfactant and Exopolysaccharide-assisted Rhizobacterial technique for the remediation of heavy metal contaminated soil: An advancement in metal Phytoremediation technology

Authors: Shatrohan Lal¹, Sheel Ratna¹, Olfa Ben Said^{1, 2} and Rajesh Kumar¹*

Affiliations: 1. Rhizosphere Biology Laboratory, Department of Environmental Microbiology, School for Environmental Sciences, Babasaheb Bhimrao Ambedkar (A Central) University, Vidya Vihar, Raebareli Road, Lucknow, 226 025, India

2. Laboratory of Environment Biomonitoring, Coastal Ecology and Ecotoxicology Unit, Faculty of Sciences of Bizerte, University of Carthage, Zarzouna 7021, Tunisia

*Corresponding Author

Dr Rajesh Kumar

Professor (Full)

Rhizosphere Biology Laboratory, Department of Environmental Microbiology, School for Environmental Sciences, Babasaheb Bhimrao Ambedkar (A Central) University, Vidya Vihar, Raibareli Road, Lucknow, 226 025, India

Phone No.: +91_ 9412090052

+91_9621329477

E-mail: rajesh4971@yahoo.com

Alternate E-mail: rajesh_skumar@yahoo.co.in

Download English Version:

https://daneshyari.com/en/article/8858008

Download Persian Version:

https://daneshyari.com/article/8858008

<u>Daneshyari.com</u>