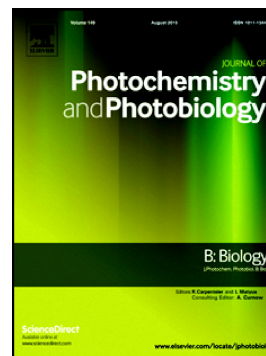


Accepted Manuscript

Comparison of integrated sustainable biodiesel and antibacterial nano silver production by microalgal and yeast isolates

V. Ananthi, G. Siva Prakash, K. Mohan Rasu, K. Gangadevi, T. Boobalan, Rathinam Raja, K. Anand, M. Sudhakar, Anil Chuturgoon, A. Arun



PII: S1011-1344(18)30667-5
DOI: doi:[10.1016/j.jphotobiol.2018.07.021](https://doi.org/10.1016/j.jphotobiol.2018.07.021)
Reference: JPB 11307

To appear in: *Journal of Photochemistry & Photobiology, B: Biology*

Received date: 25 June 2018
Revised date: 14 July 2018
Accepted date: 23 July 2018

Please cite this article as: V. Ananthi, G. Siva Prakash, K. Mohan Rasu, K. Gangadevi, T. Boobalan, Rathinam Raja, K. Anand, M. Sudhakar, Anil Chuturgoon, A. Arun , Comparison of integrated sustainable biodiesel and antibacterial nano silver production by microalgal and yeast isolates. *Jpb* (2018), doi:[10.1016/j.jphotobiol.2018.07.021](https://doi.org/10.1016/j.jphotobiol.2018.07.021)

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.

**Comparison of Integrated Sustainable Biodiesel and Antibacterial Nano Silver Production
by Microalgal and Yeast Isolates**

V. Ananthi^{a,b,c}, G. Siva Prakash^{a,b}, K. Mohan Rasu^{a,b}, K. Gangadevi^d, T. Boobalan^b,
Rathinam Raja^e, K. Anand^f, M. Sudhakar^{g,h*}, Anil Chaturgoon^f, A. Arun^{b*}

^aDepartment of Energy Science, Alagappa University, Karaikudi 630003, Tamil Nadu, India

^bBioenergy and Bioremediation Laboratory, Department of Microbiology, Alagappa University,
Karaikudi 630003, Tamil Nadu, India.

^cDepartment of Zoology and Microbiology, Thiagarajar college, Madurai, India

^dPG and Research Department of Physics, Thiagarajar college, Madurai, India

^eFood Science Laboratory, Meditbio, Center for Mediterranean Bioresources and Food Faculty
of Sciences and Technology, University of Algarve, Campus de Gambelas, Ed. 88005-139
Faro, Portugal

^fDiscipline of Medical Biochemistry, School of Laboratory of Medicine and Medical Sciences,
College of Health Science, University of KwaZulu-Natal, Durban 4013, South Africa

^gPolymers and Composites, Materials Science and Manufacturing Unit, Council for Scientific
and Industrial Research (CSIR), Port Elizabeth 6001, South Africa

^hDepartment of Chemistry, Faculty of Science, Nelson Mandela University, P.O. Box 1600,
Port Elizabeth 6000, South Africa

*Corresponding author 1: arunalacha@gmail.com

*Corresponding author 2: smuniasamy@csir.co.za

Download English Version:

<https://daneshyari.com/en/article/6493204>

Download Persian Version:

<https://daneshyari.com/article/6493204>

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