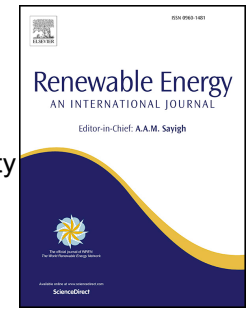
Accepted Manuscript



Unveiling algal cultivation using raceway ponds for biodiesel production and its quality assessment

Edachery Baldev, Davoodbasha Mubarakali, Kandasamy Saravanakumar, Chithirai Arutselvan, Naiyf S. Alharbi, Sulaiman Ali Alharbi, Velusamy Sivasubramanian, Nooruddin Thajuddin

PII: S0960-1481(18)30176-9

DOI: 10.1016/j.renene.2018.02.032

Reference: RENE 9763

To appear in: *Renewable Energy*

Received Date: 6 September 2017

Revised Date: 30 November 2017

Accepted Date: 6 February 2018

Please cite this article as: Baldev E, Mubarakali D, Saravanakumar K, Arutselvan C, Alharbi NS, Alharbi SA, Sivasubramanian V, Thajuddin N, Unveiling algal cultivation using raceway ponds for biodiesel production and its quality assessment, *Renewable Energy* (2018), doi: 10.1016/j.renene.2018.02.032.

Unveiling algal cultivation using raceway ponds for biodiesel production and its quality assessment

Edachery Baldev[1], Davoodbasha Mubarakali[2,δ], Kandasamy Saravanakumar[3], Chithirai Arutselvan[1], Naiyf S. Alharbi[4], Sulaiman Ali Alharbi[4], Velusamy Sivasubramanian[5] and Nooruddin Thajuddin[1,2,4,*]

[1]Division of Microbial Biodiversity and Bioenergy, [2]National Repository for Microalgae and Cyanobacteria - Freshwater (DBT: Govt. of India), Department of Microbiology Bharathidasan University, Tiruchirappalli – 620024, India

[3]Department of Environment and Resource, School of Agriculture and Biology, Shanghai Jiao Tong University, Shanghai- 200 240, P. R. China

[4]Department of Botany and Microbiology, College of Science, King Saud University, Riyadh -11451, Saudi Arabia

[5]Phycospectrum Environmental Research Centre, Chennai - 600040, India

*Corresponding authors,

Dr. N. Thajuddin, (thajuddin@gmail.com)

Dean, Faculty of Science, Engineering and Technology

Professor and Head, Department of Microbiology

Bharathidasan University, Tiruchirappalli – 620024, India

[δ] Co-correspondence:

Dr. D. MubarakAli, (mubinano@gmail.com)

National Repository for Microalgae and Cyanobacteria – Freshwater (DBT, Govt. of India)

Bharathidasan University, Tiruchirappalli – 620024, India