

## Accepted Manuscript

Microwave assisted green synthesis of fluorescent *N*-doped carbon dots:  
Cytotoxicity and bio-imaging applications

Thomas Nesakumar Jebakumar Immanuel Edison, Raji Atchudan, Mathur  
Gopalakrishnan Sethuraman, Jae-Jin Shim, Yong Rok Lee

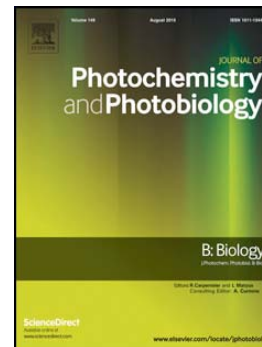
PII: S1011-1344(16)30219-6  
DOI: doi: [10.1016/j.jphotobiol.2016.05.017](https://doi.org/10.1016/j.jphotobiol.2016.05.017)  
Reference: JPB 10390

To appear in:

Received date: 31 March 2016  
Revised date: 12 May 2016  
Accepted date: 18 May 2016

Please cite this article as: Thomas Nesakumar Jebakumar Immanuel Edison, Raji Atchudan, Mathur Gopalakrishnan Sethuraman, Jae-Jin Shim, Yong Rok Lee, Microwave assisted green synthesis of fluorescent *N*-doped carbon dots: Cytotoxicity and bio-imaging applications, (2016), doi: [10.1016/j.jphotobiol.2016.05.017](https://doi.org/10.1016/j.jphotobiol.2016.05.017)

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.



**Microwave assisted green synthesis of fluorescent N-doped carbon  
dots: Cytotoxicity and bio-imaging applications**

Thomas Nesakumar Jebakumar Immanuel Edison<sup>a</sup>, Raji Atchudan<sup>a</sup>, Mathur Gopalakrishnan  
Sethuraman<sup>b\*</sup>, Jae-Jin Shim<sup>a</sup> and Yong Rok Lee<sup>a\*</sup>

<sup>a</sup> School of Chemical Engineering, Yeungnam University, Gyeongsan 712-749,  
Republic of Korea

<sup>b</sup> Department of Chemistry, Gandhigram Rural Institute – Deemed University,  
Gandhigram – 624 302, Dindigul District, Tamil Nadu, India

---

\*Author for correspondence:

E-mail: yrlee@yu.ac.kr; Fax: +82-53-810-4631; Tel: +82-53-810-2529

E-mail: mgsethu@gmail.com; Tel: +91-451-2452371

Download English Version:

<https://daneshyari.com/en/article/6493657>

Download Persian Version:

<https://daneshyari.com/article/6493657>

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