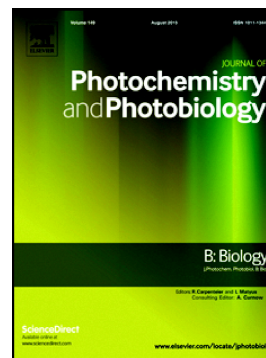


Accepted Manuscript

Blue light induced free radicals from riboflavin in degradation of crystal violet by microbial viability evaluation

Ji-Yuan Liang, Jeu-Ming P. Yuann, Zong-Jhe Hsie, Shih-Tsuen Huang, Chiing-Chang Chen



PII: S1011-1344(17)30560-2

DOI: doi: [10.1016/j.jphotobiol.2017.08.018](https://doi.org/10.1016/j.jphotobiol.2017.08.018)

Reference: JPB 10953

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

Received date: 26 April 2017

Revised date: 9 August 2017

Accepted date: 9 August 2017

Please cite this article as: Ji-Yuan Liang, Jeu-Ming P. Yuann, Zong-Jhe Hsie, Shih-Tsuen Huang, Chiing-Chang Chen, Blue light induced free radicals from riboflavin in degradation of crystal violet by microbial viability evaluation, *Journal of Photochemistry & Photobiology, B: Biology* (2017), doi: [10.1016/j.jphotobiol.2017.08.018](https://doi.org/10.1016/j.jphotobiol.2017.08.018)

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.

Blue light induced free radicals from riboflavin in degradation
of crystal violet by microbial viability evaluation

Ji-Yuan Liang^a, Jau-Ming P. Yuann^a, Zong-Jhe Hsie^a, Shih-Tsuen Huang^{b,*},

Chiing-Chang Chen^{b,*}

^a Department of Biotechnology, Ming-Chuan University, Taoyuan 33343, Taiwan

^b Department of Science Education and Application, National Taichung University of

Education, Taichung 40306, Taiwan

Submitted to “*Journal of Photochemistry and Photobiology B: Biology*”

2017/4/26

Running title: Photodegradation of Crystal Violet by Riboflavin

* Corresponding Authors

Tel: (+886 422183568)

Fax: (+886 422183560)

E-mail: hstsuen@mail.ntcu.edu.tw

Tel: (+886 422183406)

Fax: (+886 422183560)

E-mail: ccchen@mail.ntcu.edu.tw

Download English Version:

<https://daneshyari.com/en/article/4754354>

Download Persian Version:

<https://daneshyari.com/article/4754354>

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