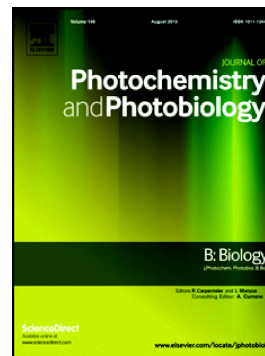


## Accepted Manuscript

Investigation on the interaction of Rutin with serum albumins:  
Insights from spectroscopic and molecular docking techniques

Priti Sengupta, Pinki Saha Sardar, Pritam Roy, Swagata Dasgupta,  
Adity Bose



PII: S1011-1344(18)30120-9  
DOI: doi:[10.1016/j.jphotobiol.2018.04.019](https://doi.org/10.1016/j.jphotobiol.2018.04.019)  
Reference: JPB 11202

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

Received date: 8 February 2018  
Revised date: 26 March 2018  
Accepted date: 13 April 2018

Please cite this article as: Priti Sengupta, Pinki Saha Sardar, Pritam Roy, Swagata Dasgupta, Adity Bose , Investigation on the interaction of Rutin with serum albumins: Insights from spectroscopic and molecular docking techniques. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jpb(2018), doi:[10.1016/j.jphotobiol.2018.04.019](https://doi.org/10.1016/j.jphotobiol.2018.04.019)

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.

**Investigation on the Interaction of Rutin with Serum Albumins: Insights from Spectroscopic and Molecular Docking Techniques**

**Priti Sengupta<sup>1</sup>, Pinki Saha Sardar<sup>2</sup>, Pritam Roy<sup>3</sup>, Swagata Dasgupta<sup>3</sup>, Adity Bose<sup>1\*</sup>**

<sup>1</sup>Department of Chemistry, Presidency University, 86/1 College Street, Kolkata  
700073, West Bengal, India.

<sup>2</sup>Department of Chemistry, The Bhawanipur Education Society College, Kolkata  
700020, West Bengal, India.

<sup>3</sup>Department of Chemistry, Indian Institute of Technology, Kharagpur, West  
Bengal, India.

**Correspondence:**

**\*Email: [adity.chem@presiuniv.ac.in](mailto:adity.chem@presiuniv.ac.in), [adityc17j@gmail.com](mailto:adityc17j@gmail.com)**

Download English Version:

<https://daneshyari.com/en/article/6493262>

Download Persian Version:

<https://daneshyari.com/article/6493262>

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