

Accepted Manuscript

Title: Insights from spectroscopic and *in-silico* techniques for the exploitation of biomolecular interactions between Human serum albumin and Paromomycin

Authors: Muslim Raza, Yang Jiang, Yun Wei, Aftab Ahmad, Ajmal Khan, Yuan Qipeng



PII: S0927-7765(17)30344-2
DOI: <http://dx.doi.org/doi:10.1016/j.colsurfb.2017.05.076>
Reference: COLSUB 8605

To appear in: *Colloids and Surfaces B: Biointerfaces*

Received date: 30-1-2017
Revised date: 15-5-2017
Accepted date: 30-5-2017

Please cite this article as: Muslim Raza, Yang Jiang, Yun Wei, Aftab Ahmad, Ajmal Khan, Yuan Qipeng, Insights from spectroscopic and *in-silico* techniques for the exploitation of biomolecular interactions between Human serum albumin and Paromomycin, *Colloids and Surfaces B: Biointerfaces* <http://dx.doi.org/10.1016/j.colsurfb.2017.05.076>

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.

Insights from spectroscopic and *in-silico* techniques for the exploitation of biomolecular interactions between Human serum albumin and Paromomycin

Muslim Raza^{a*}, Yang Jiang^b, Yun Wei^a, Aftab Ahmad^a, Ajmal Khan^c, and Yuan Qipeng^{a*}

^aState Key Laboratory of Chemical Resource Engineering, College of Life Science and Technology, Beijing University of Chemical Technology, Beijing, P R China

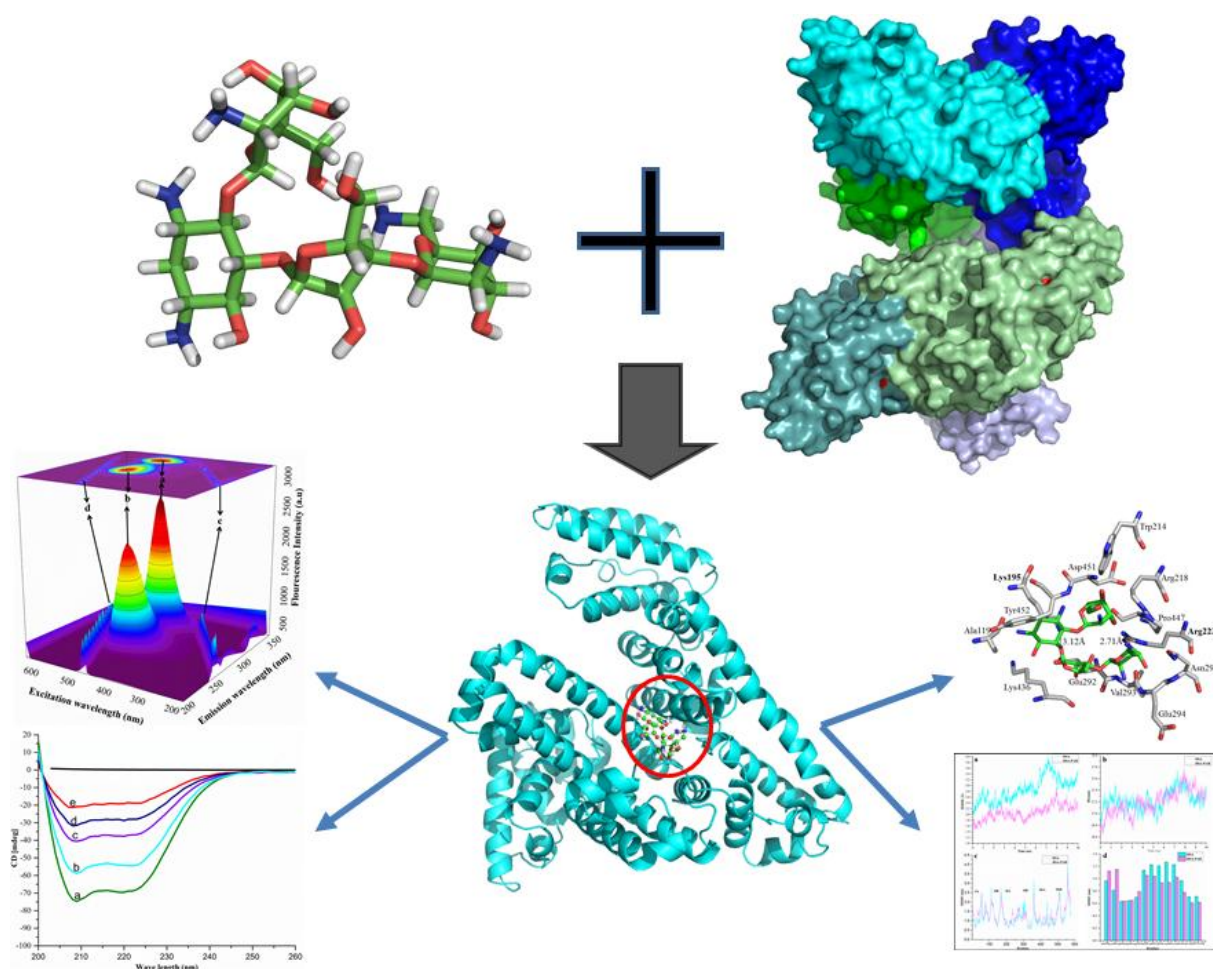
^bBeijing Key Lab of Bioprocess, College of Life Science and Technology, Beijing University of Chemical Technology, 15 Bei San Huan East Road, P.O. Box 53, Beijing 100029, PR China

^cDepartment of Chemistry, COMSATS Institute of Information Technology, Abbottabad-22060, Pakistan

*Correspondence e-mail: yuanqp@mail.buct.edu.cn, raza_chem@upesh.edu.pk

Tel./Fax: +861064437610

Graphical Abstract



Download English Version:

<https://daneshyari.com/en/article/4983040>

Download Persian Version:

<https://daneshyari.com/article/4983040>

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