

Accepted Manuscript

Application of isotope exchange based mass spectrometry to understand the mechanism of inhibition of sickle hemoglobin polymerization upon oxygenation

Rajdeep Das, Amrita Mitra, Vijay Bhat, Amit Kumar Mandal

PII: S1047-8477(17)30062-X
DOI: <http://dx.doi.org/10.1016/j.jsb.2017.04.009>
Reference: YJSBI 7051

To appear in: *Journal of Structural Biology*

Received Date: 6 February 2017
Revised Date: 12 April 2017
Accepted Date: 26 April 2017



Please cite this article as: Das, R., Mitra, A., Bhat, V., Mandal, A.K., Application of isotope exchange based mass spectrometry to understand the mechanism of inhibition of sickle hemoglobin polymerization upon oxygenation, *Journal of Structural Biology* (2017), doi: <http://dx.doi.org/10.1016/j.jsb.2017.04.009>

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.

Application of isotope exchange based mass spectrometry to understand the mechanism of inhibition of sickle hemoglobin polymerization upon oxygenation

Rajdeep Das¹, Amrita Mitra¹, Vijay Bhat², Amit Kumar Mandal^{1*}

¹Clinical Proteomics Unit, Division of Molecular Medicine, St. John's Research Institute, St. John's National Academy of Health Sciences, 100ft Road, Koramangala, Bangalore - 560034

²Manipal Hospital. Old airport road, Bangalore - 560017

*Corresponding Author

Dr. Amit Kumar Mandal

Clinical Proteomics Unit

Division of Molecular Medicine

St. John's Research Institute,

St. John's National Academy of Health Sciences

100ft Road, Koramangala,

Bangalore – 560034, India

Phone: +91-80-49467243

Fax: +91-80-25501088

E-mail: amit@sjri.res.in

Download English Version:

<https://daneshyari.com/en/article/5591527>

Download Persian Version:

<https://daneshyari.com/article/5591527>

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