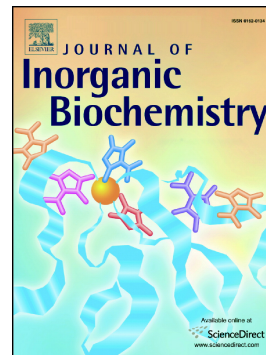


## Accepted Manuscript

Siderophore transport by MmpL5-MmpS5 protein complex in *Mycobacterium tuberculosis*

Padmani Sandhu, Yusuf Akhter



PII: S0162-0134(16)30312-9  
DOI: doi: [10.1016/j.jinorgbio.2017.02.013](https://doi.org/10.1016/j.jinorgbio.2017.02.013)  
Reference: JIB 10166  
To appear in: *Journal of Inorganic Biochemistry*  
Received date: 4 October 2016  
Revised date: 27 December 2016  
Accepted date: 10 February 2017

Please cite this article as: Padmani Sandhu, Yusuf Akhter , Siderophore transport by MmpL5-MmpS5 protein complex in *Mycobacterium tuberculosis*. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jib(2017), doi: [10.1016/j.jinorgbio.2017.02.013](https://doi.org/10.1016/j.jinorgbio.2017.02.013)

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.

**Siderophore transport by MmpL5-MmpS5 protein complex in *Mycobacterium tuberculosis***

Padmani Sandhu and Yusuf Akhter\*

School of Life Sciences, Central University of Himachal Pradesh, District - Kangra,  
Himachal Pradesh - 176206, India

**\* Correspondence:** Dr. Yusuf Akhter, Centre for Computational Biology and  
Bioinformatics, School of Life Sciences, Central University of Himachal Pradesh,  
Shahpur, District- Kangra, Himachal Pradesh- 176206, India, Tel: +91-1892-237288 ext  
309, 310, 311. Fax: +91-1892-2372286. Email: [yusuf@daad-alumni.de](mailto:yusuf@daad-alumni.de);  
[yusuf@cuhimachal.ac.in](mailto:yusuf@cuhimachal.ac.in)

**Running Title:** Mycobactin transport by RND transporters of *Mtb*

**Abbreviations:** *Mtb*, *Mycobacterium tuberculosis*; MmpL, Mycobacterial Membrane  
Protein Large; MBT, Mycobactin; PBP, Periplasmic binding pocket; RND, Resistance  
Nodulation Division; TM, Trans Membrane

Download English Version:

<https://daneshyari.com/en/article/5152362>

Download Persian Version:

<https://daneshyari.com/article/5152362>

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