Accepted Manuscript

Localization of MIF-II on mammalian spermatozoa: A study revealing its structure, function and motility inhibitory pathway

Arpita Bhoumik, Sudipta Saha, Pavan V. Payghan, Prasanta Ghosh, Sandhya Rekha Dungdung

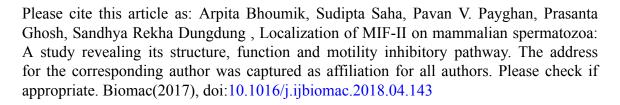
PII: S0141-8130(18)30517-8

DOI: doi:10.1016/j.ijbiomac.2018.04.143

Reference: BIOMAC 9551

To appear in:

Received date: 30 January 2018 Revised date: 26 April 2018 Accepted date: 27 April 2018



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.



CCEPTED MANUSCRIPT

Localization of MIF-II on mammalian spermatozoa: a study revealing its structure,

function and motility inhibitory pathway

Arpita Bhoumik¹, Sudipta Saha^{1,#}, Pavan V. Payghan², Prasanta Ghosh¹, Sandhya

Rekha Dungdung^{1,*}

¹Sperm Biology Laboratory, Cell Biology and Physiology Division, CSIR-Indian Institute of

Chemical Biology, Kolkata - 700032, India.

²Structural Biology and Bio-Informatics Division, CSIR-Indian Institute of Chemical

Biology, Kolkata - 700032, India.

*Present Adderess: Amity Institute of Physiology and Allied Sciences, Amity University

Campus, Block - F1, Sector-125, Noida, Uttar Pradesh – 201313, India.

E-mails: arpita.bhoumik@gmail.com, sudiptasaha49@yahoo.co.in, pavanapex@gmail.com,

prasanta_cu@yahoo.com, srdungdung@iicb.res.in

*Author for correspondence:

Dr. S. R. Dungdung

Sperm Biology Laboratory, Room: 239,

Cell Biology and Physiology Division,

CSIR-Indian Institute of Chemical Biology,

4, Raja S. C. Mullick Road, Jadavpur,

Kolkata - 700 032, India.

E-mail: srdungdung@iicb.res.in

sandhyadungdung23@gmail.com

Ph. No: 91-33-2499 5771

Fax No: 91-33-2473 0284/5197

Funding: This work was supported by Council of Scientific and Industrial Research (CSIR)

Networking Project PROGRAM (BSC-0101). The work was also supported in part by

research fellowships to research scholars from CSIR, New Delhi, India.

Declarations of interest: none

1

Download English Version:

https://daneshyari.com/en/article/8327201

Download Persian Version:

https://daneshyari.com/article/8327201

<u>Daneshyari.com</u>