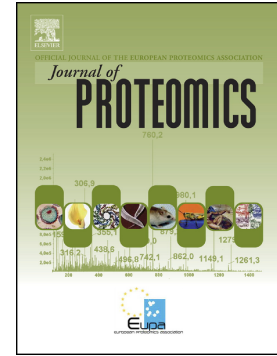


Accepted Manuscript

Charting novel allergens from date palm pollen (*Phoenix sylvestris*) using homology driven proteomics

Bodhisattwa Saha, Naren Pandey, Swati Gupta Bhattacharya



PII: S1874-3919(17)30188-4
DOI: doi: [10.1016/j.jprot.2017.05.021](https://doi.org/10.1016/j.jprot.2017.05.021)
Reference: JPROT 2860
To appear in: *Journal of Proteomics*
Received date: 1 December 2016
Revised date: 5 May 2017
Accepted date: 17 May 2017

Please cite this article as: Bodhisattwa Saha, Naren Pandey, Swati Gupta Bhattacharya, Charting novel allergens from date palm pollen (*Phoenix sylvestris*) using homology driven proteomics, *Journal of Proteomics* (2017), doi: [10.1016/j.jprot.2017.05.021](https://doi.org/10.1016/j.jprot.2017.05.021)

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.

Charting novel allergens from Date Palm pollen (*Phoenix sylvestris*) using Homology driven proteomics

Bodhisattwa Saha¹, Naren pandey², Swati Gupta Bhattacharya^{1*}

¹ Division of Plant Biology, Bose Institute, 93/1 Acharya Prafulla Chandra Road, Kolkata 700009.

² Department of Allergy and Asthma, Belle View Clinic, 9, Dr. U.N. Brahmachari Street, Kolkata 700017.

*Corresponding author

Address of Correspondence:

Prof Swati Gupta Bhattacharya, Division of Plant Biology, Bose Institute, 93/1 Acharya Prafulla Chandra Road, Kolkata 700009. Email: swati@jcbose.ac.in. Phone Number. +91-33-23031131. Fax: +91-33 23506790.

List of abbreviations:

MALDI-TOF: Matrix Assisted Laser Desorption Ionisation Time of Flight, IgE: Immunoglobulin E, SPT: Skin Prick Test, pNPP: *p*-Nitrophenyl Phosphate, SNP: Single Nucleotide Polymorphism.

Keywords

Date Palm, *de novo* sequencing, Pollen, allergen, Cross-reactivity, proteomics.

Download English Version:

<https://daneshyari.com/en/article/5138467>

Download Persian Version:

<https://daneshyari.com/article/5138467>

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