

Name: Dr. Pratibha Dwivedi

Designation: Research Associate

Center of Innovative and Applied Bioprocessing (CIAB)

(A National Institute under Department of Biotechnology, Government of India)

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SAS Nagar, Mohali-140306

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Date of Joining: 7th September 2015

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Education:

Ph.D. Chemistry (2009) Banaras Hindu University, India

M.Sc. Chemistry (2004) D. D. U. Gorakhpur University, India

B.Sc. Botany & Chemistry (2002) D. D. U. Gorakhpur University, India

Research Interests:

Development of room temperature ionic liquids from lignocellulosic biomass.

Value-addition to low value essential oils

Fluorescently labeling of oligonucleotides

Synthesis of Heterobifunctional reagents

Synthesis of glycol-hybrids/glycol-clusters using Click chemistry

Academic achievements/Fellowships/Medals/Awards:

- Women Scientist-A by Department of Science and Technology (DST), New Delhi, India
- Senior Research Fellowship (SRF) by CSIR, New Delhi, India.
- Research Fellowship by UGC, New Delhi, India.

Patent Filed:

1. A process for fragrance improvement of citronella essential oil by its enrichment with rose oxide using hypervalent iodine reagents and uses thereof. BB Mishra, P Dwivedi, U Singh, RS Sangwan. Indian Patent, Application No. 201611024112.India Filed

List of Publications:

1. *Industrial Crops and Products*, **2017**, 97, 567.
2. *Glycoconjugate Journal*, **2016**, 34, 61-70
3. *Glycoconjugate Journal*, **2015**, 32, 127.
4. *ARKIVOC*, **2013**, (ii) 133.
5. In *Click Chemistry in Glycoscience: New Developments and Strategies*, ISBN: 9781118526996, (eds Z. J. Witezak and R. Bielski), **2013**, John Wiley & Sons, Inc., Hoboken, NJ, USA. doi: 10.1002/9781118526996.ch12
6. *Current Organic Synthesis*, **2013**, 10, 90.
7. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2011**, 69, 119.
8. *Tetrahedron*, **2011**, 67, 3698.

9. *Russian J. Bioorg. Chem.* **2009**, 35, 62.
10. *Monatshefte für Chemi.* **2009**, 140, 1209.
11. *Talanta*, **2009**, 80, 532.
12. *Bioorg. Med. Chem. Lett.* **2008**, 18, 5217.
13. *Anal. Biochem.* **2007**, 369, 248.
14. *Nucleic Acids Symp. Ser.* **2007**, 51, 329.