

**Name-** Dr Nirja

**Designation-** Research Associate

**Date of Birth :** 9<sup>th</sup> November 1991

**Center of Innovative and Applied Bioprocessing (CIAB)**

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

Center of Innovative and Applied Bioprocessing

Knowledge city, Sector - 81, SAS Nagar,

Mohali-140306 Punjab, India

Date of Joining: 23<sup>rd</sup> July 2019

E-mail: nirja91@gmail.com

---



**Education:**

**Ph.D.:** Molecular Biology and Biotechnology, Dr Y S Parmar, UHF, Nauni, Solan (H.P.)

**M.Sc.:** Molecular Biology and Biotechnology, Dr Y S Parmar, UHF, Nauni, Solan (H.P.)

**B.Sc.:** Biotechnology, Himachal Pradesh University, Shimla (H.P.)

**Area of Specialization:** Plant biotechnology, Molecular biology, Biochemistry, Microbiology

**Current responsibility at CIAB:**

Development and Optimization of Fresh Produce Supply Chain and Storage Systems

**Achievements/NET/Awards/Scholarships:**

- Qualified ICAR ASRB NET in the discipline of Agriculture Biotechnology (2016 & 2018)
- Selected as SRF and Research associate in IARI, New Delhi
- Merit scholarship during M.Sc. and PhD
- M.Sc. (Biotechnology) with certificate of merit
- 10<sup>th</sup> Class HPBSE with merit certificate
- Life member of association of biotechnologists of Himachal Pradesh (ABHI)
- Poster presentation in the International Symposium on Microbes for sustainable development: scope & application (MSDSA 2017) held at BBAU, Lucknow, UP
- Poster presentation International conference on Innovative research in engineering, science and technology held at Eternal University, HP in Apr 2017
- Poster presentation in a national conference "Advances in food science and technology on 24-25 March 2017 held at Eternal University, HP

- Poster presentation in a UGC sponsored national conference on recent advances of in silico analysis:role in plant stress biology held at jalandhar,Punjab in Oct 2016.

**Publications:**

- **Entomology and Zoology Studies** 7(1) 837-843; 2019
- **International Journal of Current Microbiology and Applied Sciences** 8(1) 1556-1563;2019
- **International Journal of Chemical Studies** 7(1) 41-46 & 6(4) 1349-1353; 2018 & 2019
- **Journal of Pharmacognosy and Phytochemistry** 7(6) 1316-1320;2018
- **Journal of Stored Products Research** 75 35-37;2018 (Elsevier)
- **Journal of Agricultural Research** 7 265-270;2018 (Springer)
- **Applied Biological Research** 20(2) 163-170; 2018
- **Journal of Food Legumes** 30 1-5 & 28 262-264; 2015 & 2017

**Book chapter:**

- **The chemistry of cell in Fundamental notes series: Concepts of Cell Biology** 2019 (Springer Nature)