



CURRICULUM VITAE

GUNDEEP KAUR BRAR

E-mail: gundeep7@hotmail.com
Mobile: 9245701111

VPO Poohla, Teh. Nathana
Distt. Bathinda-151102,
Punjab

CAREER FOCUS

To function proficiently as Biochemist in an organization and be able to deliver to the bottom-line. To persistently upgrade my knowledge and aptitude and craft a difference in whatever I do.

PERSONAL ATTRIBUTES

- Record keeping skills of a high order, being methodical and attentive to detail when recording information on both manual and computer based record systems as practiced through work experience and study.
- Planning and organizational skills to manage laboratory work efficiently including maintenance of equipment and occupational health and safety issues as demonstrated at work.
- Good team and interpersonal skills.
- Effective Communication
- Diversity Sensitivity
- Multi Tasking
- Ability to Delegate

ACADEMIC OUTLINE

- **Doctor of Philosphy in Biochemistry (2013-2017)**
From **Punjab Agricultural University**, Ludhiana, Punjab and secured OCPA of 7.91.
- **Masters degree in Biochemistry (2009-2012)**
From **S.B.S.P.G.I College**, Dehradun affiliated to H.N.B Garhwal University, Utrakhand and secured an aggregate of 80.00%.
- **Bachelors degree in Biotechnology (2006-2009)**

From **Baba Farid College**, Bathinda affiliated to Punjabi University, Patiala and secured an aggregate of 62.5%.

PROJECT EXPERTISE

➤ **Ph.D. Dissertation**

Title: Exploring potential of plant ribosome inactivating proteins (RIPs) in combating leaf curl and fungal foliar diseases of cotton

Advisor: Dr.(Mrs.) Manjeet Kaur Sangha, Senior Biochemist, Department of Biochemistry, PAU, Ludhiana, Punjab

➤ **M.Sc. Dissertation**

Title: Screening of antioxidant and hepatoprotective activity of *Rumex acetosa* against alcohol intoxicated mice

Advisor: Dr. Balvinder Singh, Associate Professor, Department of Biochemistry, S.B.S.P.G.I College, Dehradun, Uttarakhand

LABORATORY HANDINESS

- Protein purification and characterization
- rRNA and DNA isolation
- Anti-oxidant Enzyme Assays
- Qualitative analysis of Carbohydrates, Proteins and Fats.
- Staining and Culture of Microorganisms
- Laboratory Instruments (Spectrophotometers: UV; Incubators, Ultra-Centrifuge, PCR, Gel doc system, autoclave, vortexes etc.)

COMPUTER SKILLS

- Well-versed with Microsoft Word, Excel and PowerPoint.
- Statistical software : CPCS1 and SPSS

CONFERENCES

- Poster presentation entitled 'Purification of RIPs from balsmina and testing their efficacy against CLCuD' in the 2nd International Conference on "Harnessing Engineering Technology and Innovation for Sustainable Growth", September 30-October 01, 2016 Panjab University, Chandigarh
- Poster presentation entitled 'Efficacy of *Momordica charantia* L. RIPs against CLCuD and fungal foliar diseases of Cotton" in 7thACRDN Meeting, 15-17 September 2017, Nagpur, Maharashtra

PERSONAL INFORMATION

- Date of Birth : 7 October, 1986
- Gender : Female
- Father name : Iqbal Singh Brar
- Mother tongue : Punjabi
- Nationality : Indian
- Marital Status : Married
- Languages : English, Hindi, Punjabi
- Permanent address : VPO Poohla, Teh. Nathana, Bathinda-151102, Punjab.