

Curriculum Vitae

Varinder Kaur Ahluwalia

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Career Objectives:

To derive a sense of professional achievement through challenging assignments in my profession. Looking forward to work with an organization, which provides scope for career development and learning. To work in a creative and challenging environment, to be a part of team, working for the benefit of the organization by imparting my knowledge, skills and effort so as to accomplish its objective and goals.

Education:

- Bachelor of Science with Major in Medical from Sanatam Dharam College, Barnala, (Punjab), India in 2003.
- Master of Science with Major in Biotechnology from G.G.D.S.D. College, Chandigarh (Punjab), India in 2008.
- Doctor of Philosophy with Major in Food Engineering and Technology from Sant Longowal Institute of Engineering and Technology, Longowal (Punjab), India ; awarded in 2016

Training

- Techniques in Genetic Engineering & Food Processing & safety at Thapar University Patiala from 15th -19th June & 29th -3rd July 2009 (2 weeks)

Major Project

- Some studies on “**Determining the toxicity of household preservative Sodium Benzoate by standard toxicity methods**” (during M.Sc. Biotechnology, 2008).

Professional Experience: 7 years 9 months

Organization: Mai Bhago Degree College, Ralla (Punjab), India

JobTitle: Assistant Professor in Biology

Duration: 1 December, 2015 to 17th September 2022.

Organization: Punjabi University, Guru Kashi Campus, Talwandi Sabo (Punjab), India

JobTitle: Assistant Professor Life sciences

Duration: 19th September 2022 to till date.

National/International Seminars and Conferences attended

Subject of course	Organized by/ Sponsored by	Duration of studies	Year
Advances in Biotechnology (National symposium)	GGDSD College/ DST, Chandigarh	3rd February 2007	2007
Pharmaceutical Sciences & Pharmacoinformatics (National symposium)	GGDSD College/ UGC, New Delhi	10th February 2007	2007
Stem cell identification & Characterization: Role of Molecular markers (Indo-US symposium)	Punjab University Chandigarh	8th February 2007	2007
Potential of biological sciences in making india a developed country (National symposium)	GGDSD College/ UGC, New Delhi	4th February 2008	2008
National symposium on emerging trends in chemical analysis and synthesis	SLIET, Longowal (Deemed to be University)	12th-13th March 2009	2009
Biotech 2009: Present and Future Perspectives (National symposium)	Punjabi University Patiala.	19th- 20th March 2009	2009
14th Punjab Science Congress	SLIET, Longowal	7-9th Feb 2011	2011
<i>New Horizons in Bioprocessing of Foods</i> (National conference)	SLIET, Longowal	25-26 th Feb 2011	2011
<i>International Conference Industrial biotechnology (ICIB-2012)</i>	Punjab University, Patiala	21-23 rd Nov 2012	2012
<i>International Conference on Food Technology for health promotion</i>	JNU, New Delhi	27-28 th Dec 2012	2012
<i>2nd International conference on Agriculture, food technology and environment-New approaches</i>	JNU, New Delhi	19-20 th Oct 2013	2013

Paper Publications

- Vandana Bali, P.S. Panesar, M.B. Bera and **Varinder Kaur** (2011) Potential applications of lactic acid bacteria in functional foods. In: Bio-processing of Foods, Panesar, P.S., Sharma, H.K. and Sarkar, B.C. Asiatech Publishers, ISBN: 8187680X27, pp 372.
- **Varinder Kaur**, M. B. Bera, Parmjit S. Panesar and H. K. Chopra (2013). Production and characterization of exopolysaccharide produced by *Alcaligenes faecalis* B14 isolated from indigenous soil. International Journal of Biotechnology and Bioengineering Research, 4: 365-374.
- Shubhneet Kaur, Parmjit S. Panesar, Manab B. Bera and **Varinder Kaur** (2013) Simple sequence repeat markers in genetic divergence and marker-assisted selection of rice cultivars: A review. Critical Reviews in Food Science and Nutrition, 55:41-49.
- **Varinder Kaur**, M. B. Bera and Parmjit S. Panesar (2013). Modelling of exopolysaccharide production by *Alcaligenes faecalis* B14. International Journal of Engineering Research and Technology, 2: 207-217.
- **Varinder Kaur**, Manav. B. Bera, Parmjit S. Panesar, Harish Kumar and J.F. Kennedy (2014). Welan gum: microbial production, characterization and applications. International Journal of Biological Macromolecules, 65: 454-461.

Computer Knowledge/ Software Proficiency

- Basic knowledge of computer and Internet.
- Packages Used: MS Office.
- Operating System used: WINDOWS-W7/W8/XP
- Course on Data Entry Operations 150 hrs (2008)