

I belong to Hamirpur District in Himachal Pradesh. I did my B Sc (Medical) from Himachal Pradesh University, Shimla in 1984. I did my Masters in Biochemistry from PAU Ludhiana in 1988 and successfully completed my Ph D degree from Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh, one of the prestigious medical institutes in India. In PGI I got the privilege to work with some of India's world renowned Scientists/clinicians, especially to mention Prof VK Vinayak, Prof Nath, Prof NK Ganguly and Prof BNS Walia. Before joining Deakin University in 2006 as an Associate Professor, I was a Senior Scientist/Senior Research Fellow in the Faculty of Medicine and Health Sciences, The University of Auckland, Auckland, New Zealand. During the past decade, my research both academic and commercial has been centered on understanding the pathophysiological mechanisms and/or finding treatments for a variety of chronic inflammatory diseases and different types of cancer. I have published 55 research articles, 12 invited reviews and 5 book chapters, in highly ranked, international, peer-reviewed journals. These publications have added to the body of knowledge in the fields of immunology, cancer gene therapy, nanomedicine, cell biology and biotechnology, and have extended these disciplines. I am a key inventor in 9 international patents and has provided consultancy to 5 Biotechnology based companies. I serve as a member of editorial board for 7 international journals and as a nominated member of more than 12 national and international societies including American Society of Nanomedicine. I have developed extensive and close collaborations with colleagues from New Zealand, Australia, Singapore, India, China and USA. I have mentored junior research staff and supervised a number of B Tech students, Masters Students, summer students and PhD students.

Currently, I lead a research group which carries out research in:

- drug discovery for novel anticancer targets for cancer cell survival, death, arrest, and repair
- development of immunomodulatory and anti-inflammatory bioactives, proteins and peptides for neuroprotection
- development of complementary alternative medicine from the milk derived proteins including metal binding protein (Lactoferrin), and herbal preparation derived active components with a special focus on the treatment of solid tumours (colon and breast cancers).
- development of immunomodulatory and anti-inflammatory bioactives, proteins and