

Professor Priti Krishna has a strong background in diverse but related disciplines, such as microbiology (MSc), medical biochemistry (PhD), plant molecular biology (academic career at Western University, Canada) and agronomy (University of New England, Australia), and proven record of leadership in developing and executing pioneering research projects. She joined Western Sydney University in 2017 as the Foundation Chair in Sustainable Agriculture and has been actively leading campus-wide renewal of Agriculture. She held individual NSERC Discovery Grants throughout her academic career in Canada and was a participant in large-sized collaborative projects funded by Networks of Centers of Excellence, Agriculture and Agri-Food Canada, and Ontario Research Fund. At Western Sydney University, she has been a key player in the development of the recently awarded Future Food Systems CRC proposal.

Her research outputs with highest impact are:

- 1) Instigating research and establishing the role of a relatively new plant hormone brassinosteroid in stress tolerance.
- 2) Instigating research and developing molecular tools for plant Hsp90 and its cochaperones, which were instrumental in proving the role of the Hsp90-chaperone system in plant disease resistance.
- 3) Raising awareness of the health and commercial benefits of sea buckthorn, and aiding the development of sea buckthorn industry in Ontario through research.

She served as Senior Director and Eastern Regional Director on the Canadian Society of Plant Physiologists (CSPP) Executive between 2002 to 2009, and was the organiser of the scientific program of the Annual CSPP conference in 2000. She has been an active reviewer of research proposals under various research programs of funding agencies, including NSERC, NSF, DOE, CIHR, A-ISRF etc., as well as of manuscripts submitted to various journals, including the Plant Cell, TIPS, PNAS etc.