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Experience : 11.5 years

Specialization : Plant Biotechnology & Stress Physiology

Research Interests

The focus of my research is to explore the Cad presence and functions in higher plants, so as to throw some light on future prospects. Areas of specialization include establishing and maintenance of plant cell and tissue cultures, studying different molecular mechanisms underlying abiotic stress and stress induced signaling pathways in plants and how polyamines especially Cad helps in mitigation stress conditions in different plants. Furthermore the PA's roles are confirmed at the molecular level also. Moreover in recent past PA presence in brain is suggested to be involved in damage repair and cancer prevention. This medical pharmacological aspect needs detail investigation for developing precise, specific aid to ailing people.