**Research thrust areas as recognized by major funding agencies**

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1. **Genome Editing In Plants Using CRISPR/Cas Tool**
2. **Crop Improvement Through Transplastome Technology.**
3. **Identification, DNA Barcoding, Conservation and Improvement of Endangered Trees and Medicinal Plants**
4. **Development Of Transgenic Plants For Biotic and Abiotic Stress.**
5. **Molecular Characterization Of Mycorrhizae**
6. **Cancer biology & Telomerase in early detection and inhibition of cancer.**
7. **Conservation of Medicinal and endangered plants through plant tissue culture**