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Her research interest is in the field of biomedicine, with applications in drug delivery in mind. To select research problems that require a substantial understanding of biology and that require the development of novel biomaterials for human disease. Main focus at the moment is biological activity, whether the design and use of biological molecules, or the development of materials that can respond to biological signals. Our applications foci at the moment are regenerative medicine, especially angiogenesis and chronic dermal wound healing and development of immunomodulatory technology for vaccination and for tolerance induction. We strive to conceptualize new biological approaches to materials for medicine and to drive them from concept to clinical evaluation.

On going project

DST Women scientist (WOS-A) Mechanistic action of bacteriocin in eukaryotic cells and its potential application as a drug (18.6 lakhs)

