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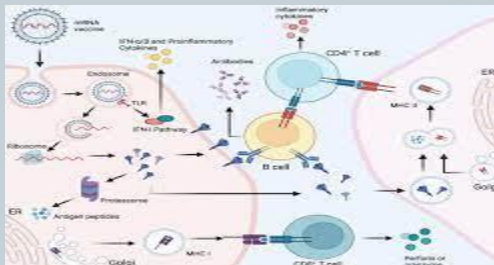
Faculty Coordinators : Dr. Mohana Priya A , Dr. Subathradevi C

Rational Design of mRNA based Therapeutics & Vaccines

Resource Person :



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Discussion Points :

- ✓ Stabilizing mRNA through secondary structure design
- ✓ mRNA codon optimization using computational methods
- ✓ Chemical modifications to increase stability and reduce immunogenicity of mRNA
- ✓ Machine Learning based selection and design of the noncoding leader and trailer sequences of mRNA which control translation efficiency and stability.
- ✓ Design of Stable Delivery systems for mRNA Vaccines / Therapeutics

30, Nov - 2022
(Wednesday) @ 10:00 AM – 01:00 PM