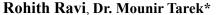


Apolipoprotein AI (apo-AI) Mimetic Peptide Lipid Assemblies



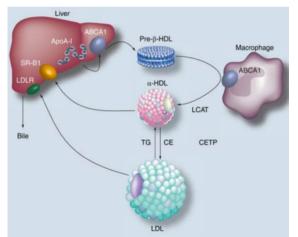


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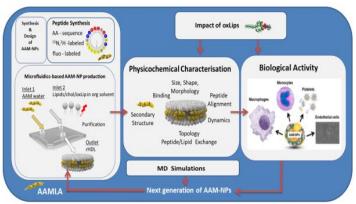




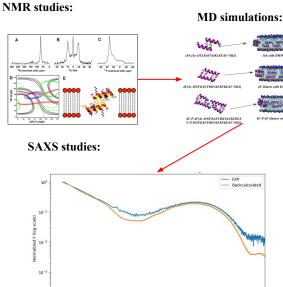
Introduction



Work Plan



Work in progress



Reverse Cholesterol Transport (RCT)

Hypothesis:

our hypothesis is that a fundamental physicochemical understanding of the supramolecular morphology, dynamics and topology of new innovative nanoparticles will assist in the rational design and tuning of their composition to optimize their biological impact as potential therapeutics cardiovascular diseases.