

Internal Webinar

Biophysical characterization of elastin protein and curcumin nanomedicine for breast cancer therapy

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Elastin is an essential extracellular matrix protein, which is found in all the connective tissues that provide elasticity and resilience to organs. In this presentation, we shall discuss the biophysical characteristics of elastin in the presence of glucose and electric field, and the application of elastin loaded with the anti-cancer drug, curcumin, in the field of drug delivery. Further, I shall also talk about the enhanced anti-cancer activity of graphene-loaded curcumin in breast cancer therapy.

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5:00 PM