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Cover

See Steve P. Rannard et al.,
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2025, **2**, 517.

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AI-driven innovations in pharmaceuticals: optimizing drug discovery and industry operations

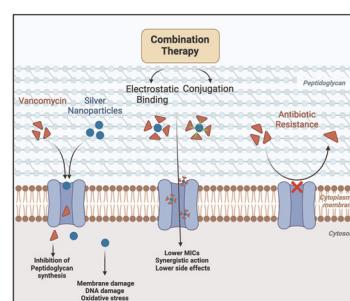
Jaskaran Preet Singh Saini, Ankita Thakur and Deepak Yadav*



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Fundamental questions
Elemental answers

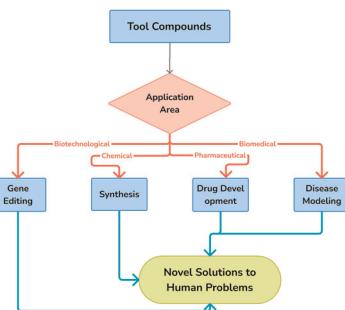
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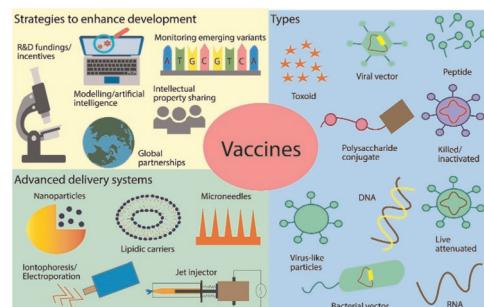
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Saman Zafar, Ambreen Akhtar, Elshaimaa Sayed, Ekhoerose Onaiwu, Muhammad Sohail Arshad* and Zeeshan Ahmad*

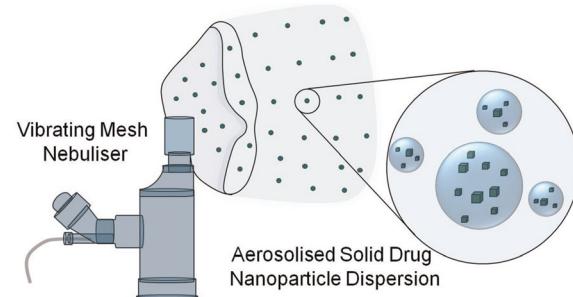


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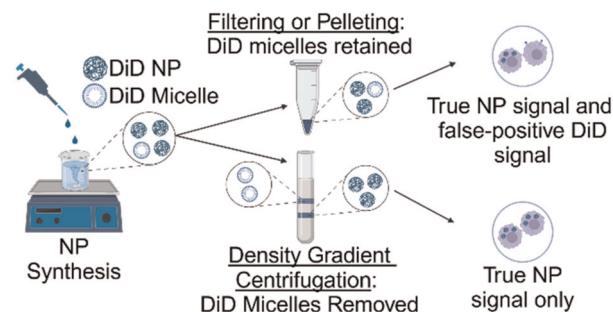
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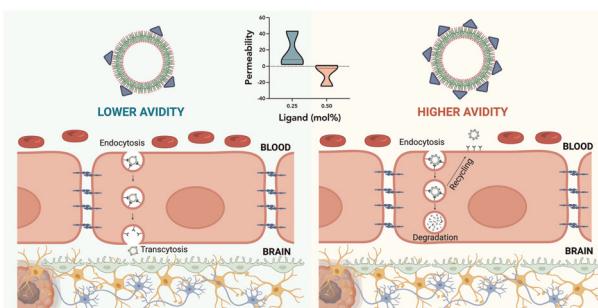
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Eric H. Sterin, Laura A. Weinstein, Chitran Roy Chowdhury, Emma C. Guzzetti and Emily S. Day*



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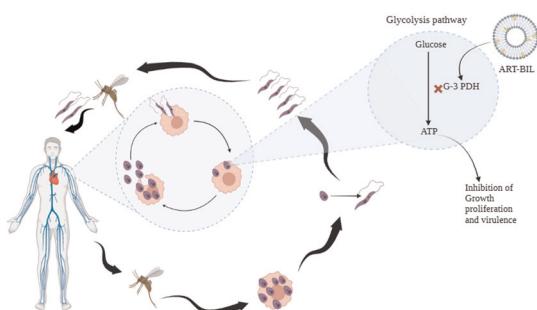


Sometimes less is more: avidity-dependent transport of targeted polymersomes across the blood–brain–barrier

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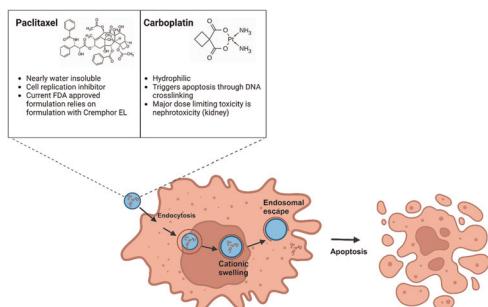
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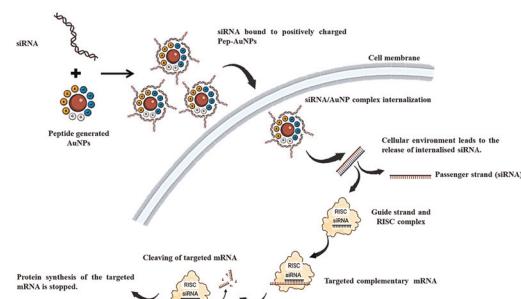


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Peptide-derived gold nanoparticles as a promising delivery system for Src targeting siRNA in breast cancer cells

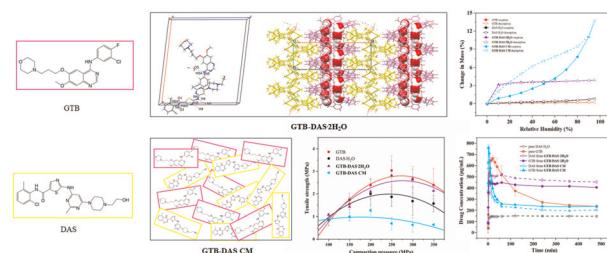
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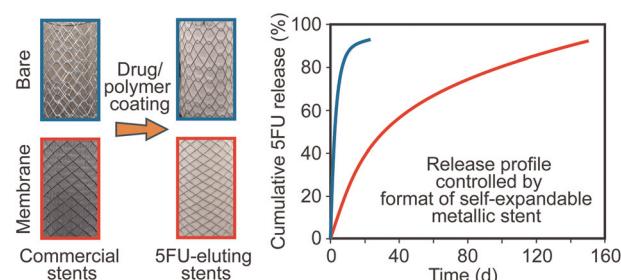
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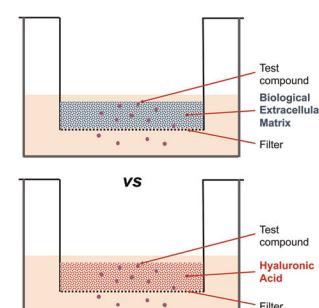
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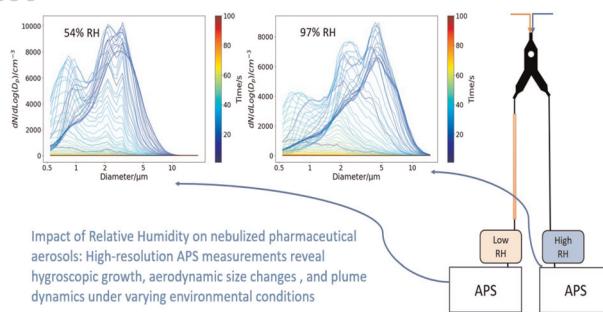
Comparison of macromolecule permeation through extracellular matrix and hyaluronic acid to inform *in vitro* testing of subcutaneous therapies

Jana Javorovic, Belal I. Hanafy, Frans Franek and Driton Vllasaliu*



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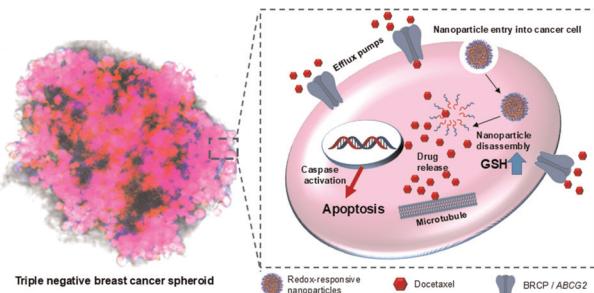
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Comparative hygroscopic aerosol particle sizing measurements of the hygroscopic growth of inhaled pharmaceutical ingredients

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