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eISSN 2976-8713 CODEN RPSHBW 2(3) 429-658 (2025)



### Cover

See Steve P. Rannard *et al.*, pp. 517–526.

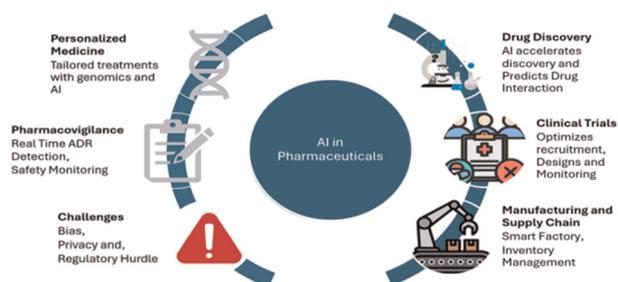
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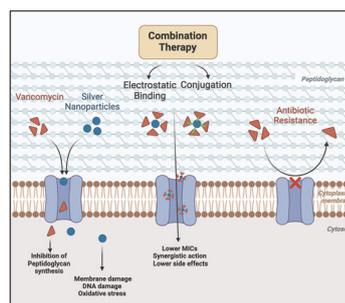
Jaskaran Preet Singh Saini, Ankita Thakur and Deepak Yadav\*



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### Strategies to overcome antibiotic resistance: silver nanoparticles and vancomycin in pathogen eradication

Sakshi V. Khairnar, Ashish Das, David Oupický, Marat Sadykov and Svetlana Romanova\*



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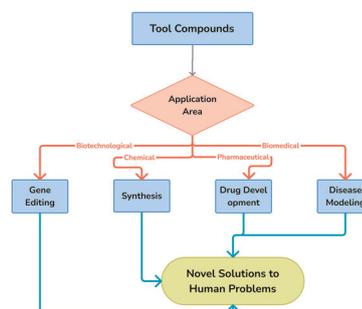
Fundamental questions  
Elemental answers

## REVIEWS

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### Comprehensive report on biochemical, pharmacological, and pharmacokinetic properties of tool compounds relevant to human pathologies

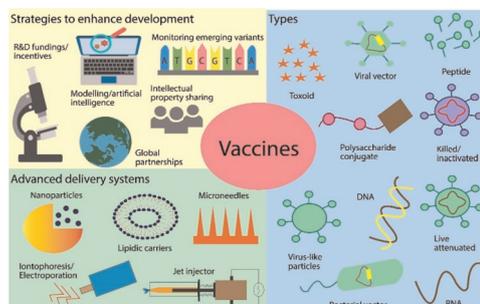
Tikam Chand Dakal, Joice K. Joseph, Deepika, Pawan Kumar Maurya, Narendra Kumar Sharma and Senthilkumar Rajagopal\*



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

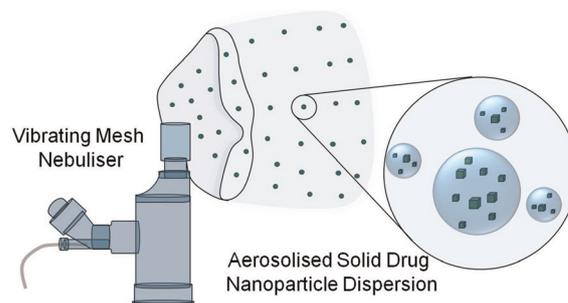


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### Development of solid drug nanoparticle dispersions for pulmonary delivery of niclosamide and nitazoxanide via vibrating mesh nebulisation

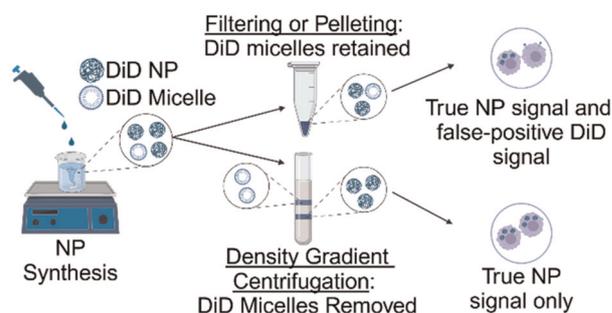
Catherine Unsworth, Andrew B. Dwyer, Alison C. Savage, James J. Hobson, Jonathan Massam, Tom O. McDonald, Paul Curley, Andrew Owen, Andrew O'Sullivan, Ronan MacLoughlin and Steve P. Rannard\*



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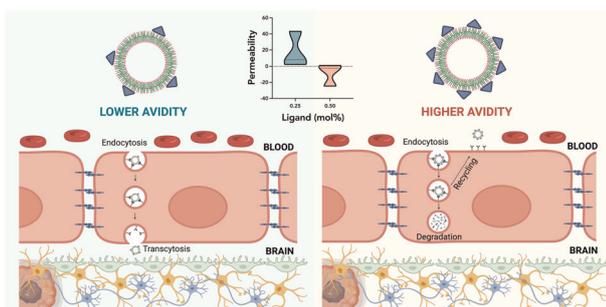
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Eric H. Sterin, Laura A. Weinstein, Chitran Roy Chowdhury, Emma C. Guzzetti and Emily S. Day\*



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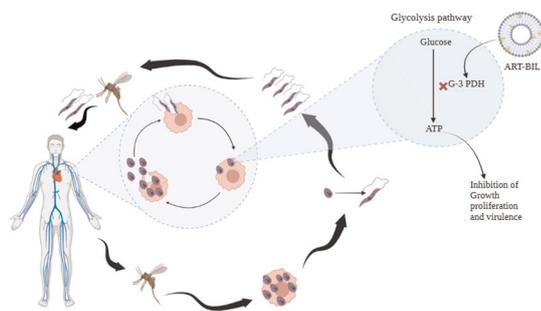


### Sometimes less is more: avidity-dependent transport of targeted polymersomes across the blood–brain-barrier

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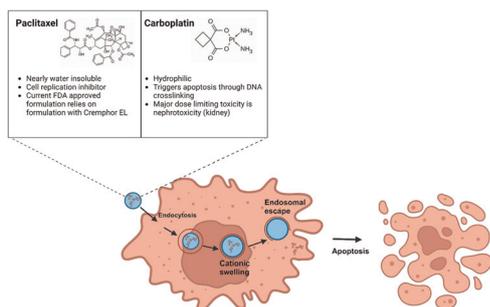
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### Polybasic nanogels for intracellular co-delivery of paclitaxel and carboplatin: a novel approach to ovarian cancer therapy

Angela M. Wagner, Olivia L. Lanier,\* Ani Savk and Nicholas A. Peppas\*

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### Polysaccharide-capped silver nanoparticles impregnated cream for the efficient management of wound healing

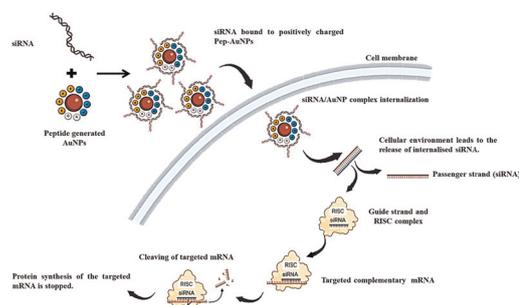
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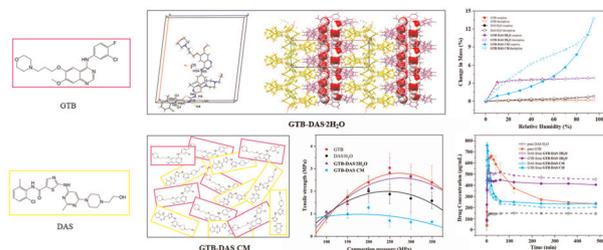
Uday Suryakanta, Bijayananda Panigrahi, Sumana Pal, Swatilekha Das, Soumyadeep Biswas and Dindyal Mandal\*



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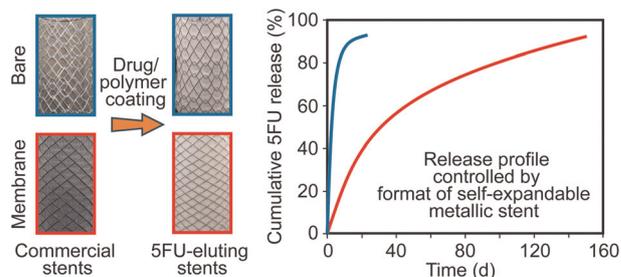
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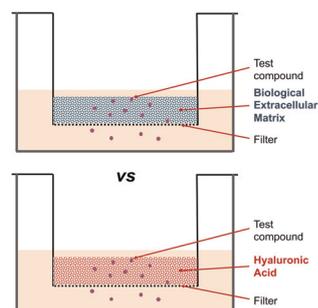
Mohammad Arafat, Anthony Wignall, Kyle Brewer, Yunmei Song, Hugo Albrecht, Clive A. Prestidge, Sanjay Garg\* and Anton Blencowe\*



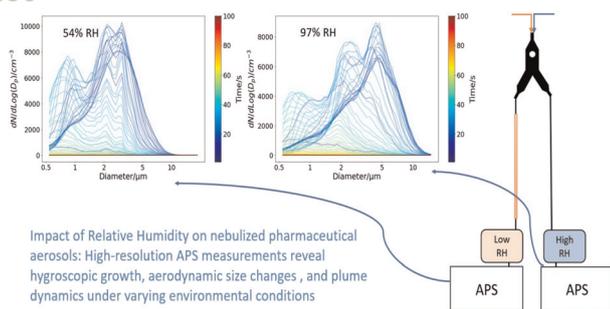
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## Comparison of macromolecule permeation through extracellular matrix and hyaluronic acid to inform *in vitro* testing of subcutaneous therapies

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



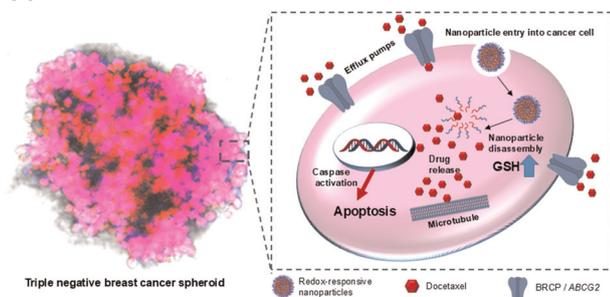
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Cintia J. Monteiro, Patrícia F. Monteiro,\* Alessandra Travanut, Muhammad Gulfam, David M. Heery, Anna Grabowska and Cameron Alexander\*

