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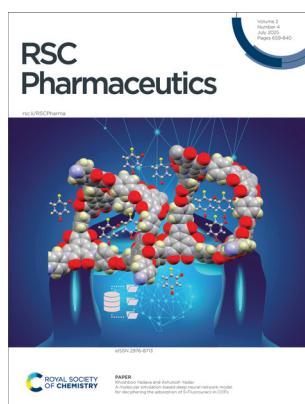
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Cover

See Mukesh K. Pandey et al., pp. 691–702.

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Inside cover

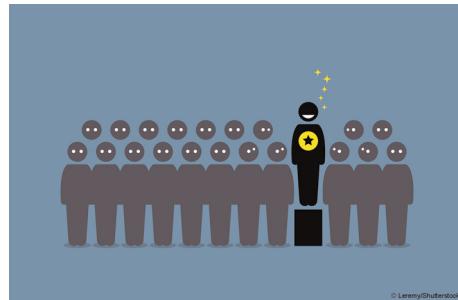
See Khushboo Yadava and Ashutosh Yadav, pp. 703–717.

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Outstanding Reviewers for *RSC Pharmaceutics* in 2024

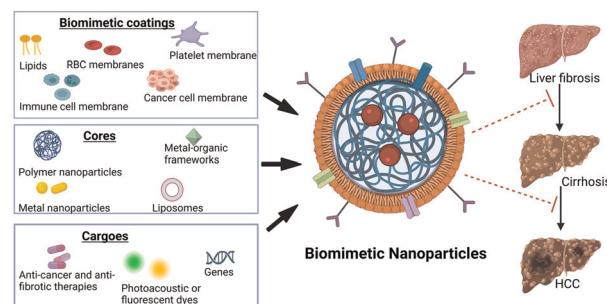


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Biomimetic nanoparticles for targeted therapy of liver disease

Veena Vijayan, Janitha M. Unagolla, Dhruvisha Panchal, Judith Eloyi John, Siddharth S. Menon and Jyothi U. Menon*



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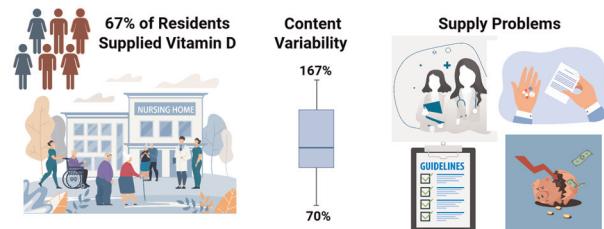


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Understanding the impact of vitamin D supplement formulation, quality and provision to older adults in UK residential care homes

N. Rombel, C. Lim, A. Majeed, S. Abdul-Jabbar, G. R. McClelland and S. A. Jones*

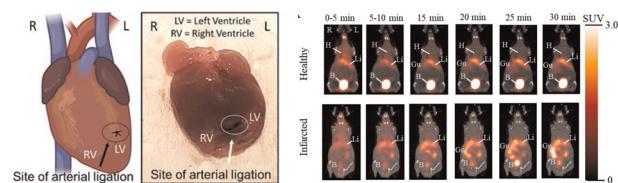


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Synthesis and preliminary evaluation of cardiac imaging with $[^{68}\text{Ga}]$ Ga-NOTA-CTP in normal and infarcted CD1 mice

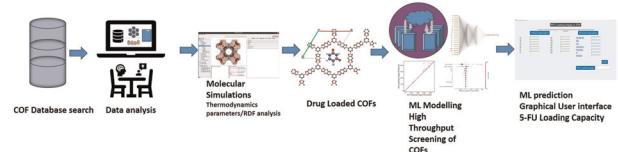
Surendra Reddy Gundam, Manasa Kethamreddy, Andy González Rivera, Aditya Bansal, Viktoria Krol, Daniella A. Sahagun, Joanna E. Kusmirek, Derek R. Johnson, Maliha Zahid, Val J. Lowe and Mukesh K. Pandey*



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A molecular simulation-based deep neural network model for deciphering the adsorption of 5-Fluorouracil in COFs

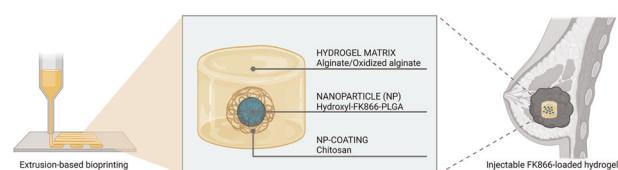
Khushboo Yadava* and Ashutosh Yadav*



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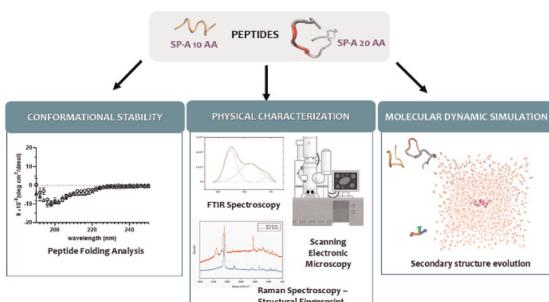
Exploiting nano-in-micro-technologies to couple PLGA-hydroxyl-FK866 nanoparticles to a hydrogel network for local drug release

Eugenio Spessot, Xue Bai, Daniel Moranduzzo, Chen Zhao, Sam Butterworth, Devid Maniglio and Annalisa Tirella*



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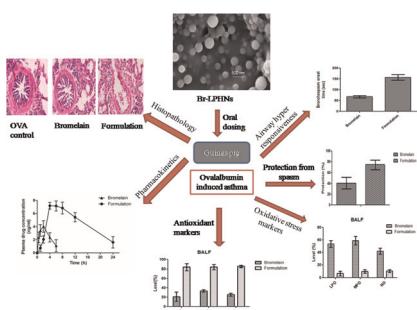
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Comprehensive physicochemical, biophysical, and *in vitro* characterization of lung surfactant SP-A peptidomimetics

David Encinas-Basurto, Priya Muralidharan, M. D. Saiful Islam, Ernest L. Vallorz, Stephen M. Black, Monica Kraft, Julie G. Ledford* and Heidi M. Mansour*

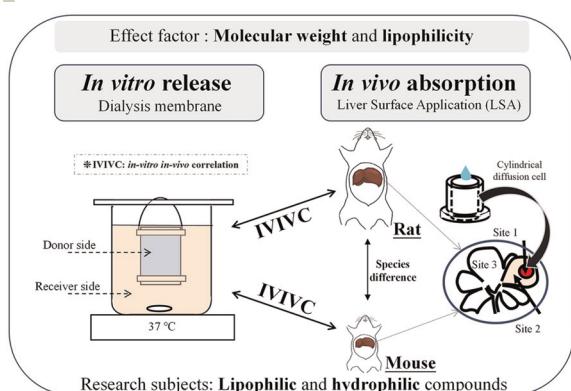
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Tailoring bromelain-loaded lipid–polymer hybrid nanoparticles for asthma management: fabrication and preclinical evaluation

Manu Sharma* and Namita Gupta

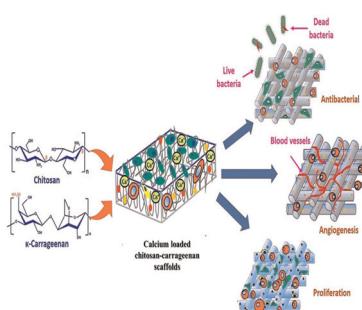
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Predicting absorption of compounds from an *in vivo* liver surface based on molecular weight or *in vitro* release using a dialysis membrane in combination with lipophilicity

Fei Yuan, Ayaka Torigoe, Nao Mitsudome, Hirotaka Miyamoto, Shintaro Fumoto, Akira Toriba and Koyo Nishida*

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Calcium phosphate reinforced chitosan–carrageenan scaffolds: characterization and *in vitro* assessment for wound healing

Vinita Patole,* Gaurav Kavikar, Ganesh Ingavle, Isha Behere, Ravindra Wavhale, Abhishek Jha, Sanjeevani Deshkar, Avinash Sanap and Pramod Sakpal

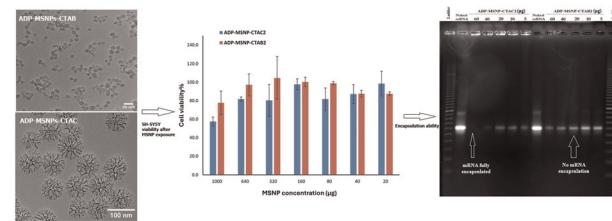


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Optimizing mesoporous silica synthesis procedures to enhance their potential as nanoplatforms in therapeutic applications

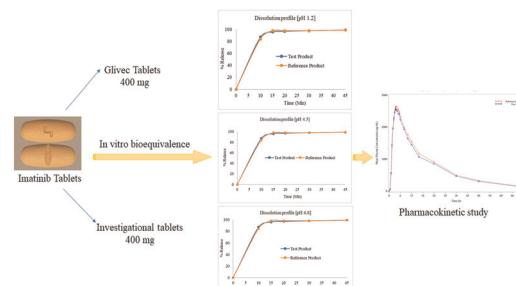
Olia Alijanpourtolouti, Gamini Senanayake, Sulev Koks and David J. Henry*



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Glivec to generic imatinib switch: *in vitro* comparative dissolution assessment, bioequivalence, safety, and tolerability of 400 mg imatinib tablets in healthy volunteers

Samir Das, Saurav Sarkar, Ranabir Sahu, Tarun Kumar Dua, Paramita Paul and Gouranga Nandi*

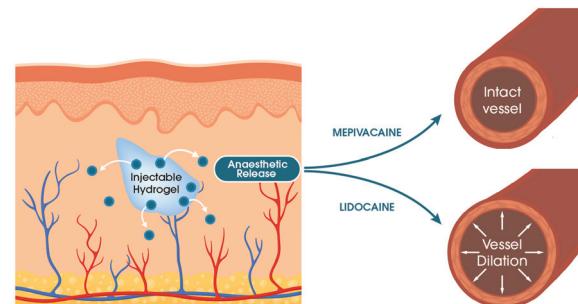


* The developed imatinib tablet (400 mg) was found to be bioequivalent to the Glivec 400 mg tablet

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Vascular benefit of the use of mepivacaine as an anaesthetic in resilient hyaluronic acid® injectables

Jimmy Faivre,* Romain Brusini, Jing Jing, Sabrina Walley, Lukas Roubenne, François Bourdon, Lee Walker, Bruno Le Grand and Conor J. Gallagher



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Babassu oil-based microemulsion promotes uniform *in vitro* release of diclofenac sodium and donepezil hydrochloride

Felipe Schlichta de Gouveia, Gabriela Spingolon and Tanira Alessandra Silveira Aguirre*

