

Excipients in parenteral formulations: selection considerations with small molecules and biologics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A spray freeze dried micropellet based formulation proof-of-concept for a yellow fever vaccine candidate. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 334-343.	2.0	14
2	Current Advancements in Addressing Key Challenges of Therapeutic Antibody Design, Manufacture, and Formulation. <i>Antibodies</i> , 2019, 8, 36.	1.2	48
3	Subcutaneous delivery of biotherapeutics: challenges at the injection site. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 143-151.	2.4	31
4	Lyophilized liposome-based parenteral drug development: Reviewing complex product design strategies and current regulatory environments. <i>Advanced Drug Delivery Reviews</i> , 2019, 151-152, 56-71.	6.6	65
5	Fabrication of advanced parenteral drug-delivery systems. , 2020, , 47-84.		4
6	Self-Assembled, Dilution-Responsive Hydrogels for Enhanced Thermal Stability of Insulin Biopharmaceuticals. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4221-4229.	2.6	29
7	Impact of virus-antibody interactions on viral clearance in anion exchange chromatography. <i>Journal of Chromatography A</i> , 2020, 1633, 461635.	1.8	6
8	Lyophilization of Small-Molecule Injectables: an Industry Perspective on Formulation Development, Process Optimization, Scale-Up Challenges, and Drug Product Quality Attributes. <i>AAPS PharmSciTech</i> , 2020, 21, 252.	1.5	32
9	Digital Twin for Lyophilization by Process Modeling in Manufacturing of Biologics. <i>Processes</i> , 2020, 8, 1325.	1.3	18
10	Stable Monomeric Insulin Formulations Enabled by Supramolecular PEGylation of Insulin Analogues. <i>Advanced Therapeutics</i> , 2020, 3, 1900094.	1.6	26
11	Excipients in freeze-dried biopharmaceuticals: Contributions toward formulation stability and lyophilisation cycle optimisation. <i>International Journal of Pharmaceutics</i> , 2020, 576, 119029.	2.6	56
12	Rational design to biologics development: The polysorbates point of view. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119285.	2.6	23
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14	Instability of therapeutic proteins – An overview of stresses, stabilization mechanisms and analytical techniques involved in lyophilized proteins. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 309-325.	3.6	59
15	Case Study in the Design of a Surrogate Solution for Use in Biopharmaceutical Drug Product Process Development. <i>AAPS PharmSciTech</i> , 2021, 22, 32.	1.5	0
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18	Size-based Degradation of Therapeutic Proteins - Mechanisms, Modelling and Control. <i>Biomolecular Concepts</i> , 2021, 12, 68-84.	1.0	3

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21	Advances in polysaccharide nanocrystals as pharmaceutical excipients. <i>Carbohydrate Polymers</i> , 2021, 262, 117922.	5.1	21
22	Development of an LC-MS/MS method for simultaneous quantitative analysis of macromolecular pharmaceutical adjuvant 2-hydroxypropyl- β -cyclodextrin and active pharmaceutical ingredients butylphthalide in rat plasma. <i>Journal of Separation Science</i> , 2021, 44, 2680-2692.	1.3	2
23	Engineering Insulin Cold Chain Resilience to Improve Global Access. <i>Biomacromolecules</i> , 2021, 22, 3386-3395.	2.6	12
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32	Poloxamer 188 as surfactant in biological formulations – An alternative for polysorbate 20/80?. <i>International Journal of Pharmaceutics</i> , 2022, 620, 121706.	2.6	34
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42	Formulation Excipients and Their Role in Insulin Stability and Association State in Formulation. <i>Pharmaceutical Research</i> , 2022, 39, 2721-2728.	1.7	1
43	MD analysis of heat transfer of carbon nanotube flow on nanopumping process to improve the hydrodynamic and thermal performances. <i>Engineering Analysis With Boundary Elements</i> , 2022, 144, 507-517.	2.0	2
44	Recent advances in freeze-drying: variables, cycle optimization, and innovative techniques. <i>Pharmaceutical Development and Technology</i> , 2022, 27, 904-923.	1.1	1
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65	Innovation in Stabilization of Biopharmaceuticals. , 2023, , 3-40.		0
69	Drug Delivery Systems to the Peritoneum: Current Status and Future Perspectives. , 2023, , 195-215.		0