

Potential of the isolated lung technique for the examination of drug release from lung-delivered poly(lactide-co-glycolide) microparticles

Journal of Controlled Release

226, 15-20

DOI: [10.1016/j.jconrel.2016.01.057](https://doi.org/10.1016/j.jconrel.2016.01.057)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Overview on Therapeutic Applications of Microparticulate Drug Delivery Systems. Critical Reviews in Therapeutic Drug Carrier Systems, 2016, 33, 309-361.	1.2	72
2	Isolated lung model for assessing drug absorption from PLGA microparticles. Journal of Controlled Release, 2016, 226, 268.	4.8	2
3	Current Progress Toward a Better Understanding of Drug Disposition Within the Lungs: Summary Proceedings of the First Workshop on Drug Transporters in the Lungs. Journal of Pharmaceutical Sciences, 2017, 106, 2234-2244.	1.6	22
4	A Comparison of Drug Transport in Pulmonary Absorption Models: Isolated Perfused rat Lungs, Respiratory Epithelial Cell Lines and Primary Cell Culture. Pharmaceutical Research, 2017, 34, 2532-2540.	1.7	25
5	Sildenafil Citrate Liposomes for Pulmonary Delivery by Ultrasonic Nebulization. Applied Sciences (Switzerland), 2018, 8, 1291.	1.3	6
6	Exploring inhalable polymeric dry powders for anti-tuberculosis drug delivery. Materials Science and Engineering C, 2018, 93, 1090-1103.	3.8	23
7	Sustained therapeutic efficacy of budesonide-loaded chitosan swellable microparticles after lung delivery: Influence of in vitro release, treatment interval and dose. Journal of Controlled Release, 2018, 283, 163-174.	4.8	30
8	Pulmonary Dissolution of Poorly Soluble Compounds Studied in an ex Vivo Rat Lung Model. Molecular Pharmaceutics, 2019, 16, 3053-3064.	2.3	23
9	Recent advances in the formulation of PLGA microparticles for controlled drug delivery. Progress in Biomaterials, 2020, 9, 153-174.	1.8	119
10	Lyoprotective Effects of Mannitol and Lactose Compared to Sucrose and Trehalose: Sildenafil Citrate Liposomes as a Case Study. Pharmaceutics, 2021, 13, 1164.	2.0	6
11	In vitro and ex vivo models in inhalation biopharmaceutical research – advances, challenges and future perspectives. Advanced Drug Delivery Reviews, 2021, 177, 113862.	6.6	38
12	Significant perspectives on various viral infections targeted antiviral drugs and vaccines including COVID-19 pandemicity. Molecular Biomedicine, 2022, 3, .	1.7	1
13	Fundamentals and Applications of Isolated Perfused Lung (IPL) Model in the Development of Pulmonary Drug Delivery. Current Drug Delivery, 2022, 19, .	0.8	0
14	Advanced formulations and nanotechnology-based approaches for pulmonary delivery of sildenafil: A scoping review. Journal of Controlled Release, 2022, 350, 308-323.	4.8	7
15	Inhalable microparticles as drug delivery systems to the lungs in a dry powder formulations. International Journal of Energy Production and Management, 2023, 10, .	1.9	7