

Effects of Phosphodiesterase 4 Inhibition on Alveolarization in Newborn Rats

PLoS ONE

3, e3445

DOI: [10.1371/journal.pone.0003445](https://doi.org/10.1371/journal.pone.0003445)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Does PDE4 inhibition improve alveolarisation in hyperoxia-exposed immature rodents?. European Respiratory Journal, 2009, 33, 1236-1236. | 6.7 | 4 |
| 3 | Bronchopulmonary dysplasia and emphysema: in search of common therapeutic targets. Trends in Molecular Medicine, 2009, 15, 169-179. | 6.7 | 49 |
| 4 | Differential expression of cyclic nucleotide phosphodiesterases 4 in developing rat lung. Developmental Dynamics, 2010, 239, 2470-2478. | 1.8 | 5 |
| 5 | Phosphodiesterase 4 inhibition attenuates persistent heart and lung injury by neonatal hyperoxia in rats. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L56-L67. | 2.9 | 41 |
| 6 | Antenatal Phosphodiesterase 4 Inhibition Restores Postnatal Growth and Pulmonary Development in a Model of Chorioamnionitis in Rabbits. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 620-628. | 2.5 | 2 |
| 8 | Effect of Two Models of Intrauterine Growth Restriction on Alveolarization in Rat Lungs: Morphometric and Gene Expression Analysis. PLoS ONE, 2013, 8, e78326. | 2.5 | 33 |
| 9 | Caffeine and Rolipram Affect Smad Signalling and TGF- β 1 Stimulated CTGF and Transgelin Expression in Lung Epithelial Cells. PLoS ONE, 2014, 9, e97357. | 2.5 | 32 |
| 10 | Ventilator-Associated Lung Injury. , 2015, , 917-945. | | 0 |
| 11 | Development and assessment of countermeasure formulations for treatment of lung injury induced by chlorine inhalation. Toxicology and Applied Pharmacology, 2016, 298, 9-18. | 2.8 | 16 |
| 12 | Detrimental Effects of an Inhaled Phosphodiesterase-4 Inhibitor on Lung Inflammation in Ventilated Preterm Lambs Exposed to Chorioamnionitis Are Dose Dependent. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2019, 32, 396-404. | 1.4 | 5 |
| 13 | Effects of intravenous phosphodiesterase inhibitors and corticosteroids on severe meconium aspiration syndrome. Journal of the Chinese Medical Association, 2019, 82, 568-575. | 1.4 | 5 |
| 14 | <p>A Review on Currently Available Potential Therapeutic Options for COVID-19</p>. International Journal of General Medicine, 2020, Volume 13, 443-467. | 1.8 | 15 |
| 15 | Commentary: Phosphodiesterase 4 inhibitors as potential adjunct treatment targeting the cytokine storm in COVID-19. Metabolism: Clinical and Experimental, 2020, 109, 154282. | 3.4 | 50 |
| 16 | Rolipram Protects Mice from Gram-negative Bacterium Escherichia coli-induced Inflammation and Septic Shock. Scientific Reports, 2020, 10, 175. | 3.3 | 10 |
| 17 | Aurothioglucose enhances proangiogenic pathway activation in lungs from room air and hyperoxia-exposed newborn mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L1165-L1171. | 2.9 | 4 |
| 18 | In vivo functions of p75NTR: challenges and opportunities for an emerging therapeutic target. Trends in Pharmacological Sciences, 2021, 42, 772-788. | 8.7 | 23 |
| 19 | New Therapeutic Targets in Neonatal Pulmonary Hypertension. , 2022, 1, 158-169. | | 0 |
| 20 | Acute Lung Functional and Airway Remodeling Effects of an Inhaled Highly Selective Phosphodiesterase 4 Inhibitor in Ventilated Preterm Lambs Exposed to Chorioamnionitis. Pharmaceuticals, 2023, 16, 29. | 3.8 | 0 |