

Alveolar progenitor and stem cells in lung development

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Impaired Clearance of Influenza A Virus in Obese, Leptin Receptor Deficient Mice Is Independent of Leptin Signaling in the Lung Epithelium and Macrophages. <i>PLoS ONE</i> , 2014, 9, e108138.	1.1	42
2	Potential Contribution of Type I Alveolar Epithelial Cells to Chronic Neonatal Lung Disease. <i>Frontiers in Pediatrics</i> , 2014, 2, 45.	0.9	9
3	Diverse cells at the origin of lung adenocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4745-4746.	3.3	36
4	Generation of Alveolar Epithelial Spheroids via Isolated Progenitor Cells from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2014, 3, 394-403.	2.3	260
5	Identification of a Proximal Progenitor Population from Murine Fetal Lungs with Clonogenic and Multilineage Differentiation Potential. <i>Stem Cell Reports</i> , 2014, 3, 634-649.	2.3	32
6	TRIM72 is required for effective repair of alveolar epithelial cell wounding. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L449-L459.	1.3	31
7	Developmental programs of lung epithelial progenitors: a balanced progenitor model. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2014, 3, 331-347.	5.9	25
8	Harnessing the potential of lung stem cells for regenerative medicine. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 56, 82-91.	1.2	14
9	Hmga2 is required for canonical WNT signaling during lung development. <i>BMC Biology</i> , 2014, 12, 21.	1.7	55
10	The best laid schemes of airway repair. <i>European Respiratory Journal</i> , 2014, 44, 299-301.	3.1	11
11	Deciphering Developmental Processes from Single-Cell Transcriptomes. <i>Developmental Cell</i> , 2014, 29, 260-261.	3.1	1
12	Reconstructing lineage hierarchies of the distal lung epithelium using single-cell RNA-seq. <i>Nature</i> , 2014, 509, 371-375.	13.7	1,260
13	Endogenous and Exogenous Cell-Based Pathways for Recovery from Acute Respiratory Distress Syndrome. <i>Clinics in Chest Medicine</i> , 2014, 35, 797-809.	0.8	7
14	Defining a mesenchymal progenitor niche at single-cell resolution. <i>Science</i> , 2014, 346, 1258810.	6.0	128
15	The potential of microfluidic lung epithelial wounding: towards <i>in vivo</i> -like alveolar microinjuries. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 1132-1140.	0.6	33
16	Non-small-cell lung cancers: a heterogeneous set of diseases. <i>Nature Reviews Cancer</i> , 2014, 14, 535-546.	12.8	1,375
17	Repair and Regeneration of the Respiratory System: Complexity, Plasticity, and Mechanisms of Lung Stem Cell Function. <i>Cell Stem Cell</i> , 2014, 15, 123-138.	5.2	748
18	Lung regeneration: mechanisms, applications and emerging stem cell populations. <i>Nature Medicine</i> , 2014, 20, 822-832.	15.2	416

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19	Lung epithelial stem cells and their niches: Fgf10 takes center stage. <i>Fibrogenesis and Tissue Repair</i> , 2014, 7, 8.	3.4	88
20	Expression of human carcinoembryonic antigen-related cell adhesion molecule 6 and alveolar progenitor cells in normal and injured lungs of transgenic mice. <i>Physiological Reports</i> , 2015, 3, e12657.	0.7	10
21	Wnt and FGF mediated epithelial-mesenchymal crosstalk during lung development. <i>Developmental Dynamics</i> , 2015, 244, 342-366.	0.8	119
22	Time- and compartment-resolved proteome profiling of the extracellular niche in lung injury and repair. <i>Molecular Systems Biology</i> , 2015, 11, 819.	3.2	211
23	Isolation of lung multipotent stem cells using a novel microfluidic magnetic activated cell sorting system. <i>Cell Biology International</i> , 2015, 39, 1348-1353.	1.4	10
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25	Evidence for lung epithelial stem cell niches. <i>BMC Developmental Biology</i> , 2015, 15, 32.	2.1	31
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27	Cellular mechanisms of alveolar pathology in childhood interstitial lung diseases. <i>Current Opinion in Pediatrics</i> , 2015, 27, 341-347.	1.0	2
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32	KIF7 Controls the Proliferation of Cells of the Respiratory Airway through Distinct Microtubule Dependent Mechanisms. <i>PLoS Genetics</i> , 2015, 11, e1005525.	1.5	10
33	Current Perspectives in Mesenchymal Stromal Cell Therapies for Airway Tissue Defects. <i>Stem Cells International</i> , 2015, 2015, 1-7.	1.2	20
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36	Lung Stem Cells in the Epithelium and Vasculature. <i>Pancreatic Islet Biology</i> , 2015, , .	0.1	1

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37	On the Tricks Alveolar Epithelial Cells Play to Make a Good Lung. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 504-513.	2.5	121
38	Blue Journal Conference. Aging and Susceptibility to Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 261-269.	2.5	149
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41	Telomeres revisited: <i>RTEL1</i> variants in pulmonary fibrosis. European Respiratory Journal, 2015, 46, 312-314.	3.1	12
42	Enolase 1 and protein disulfide isomerase associated 3 regulate Wnt/ β -catenin driven alveolar epithelial cell trans-differentiation. DMM Disease Models and Mechanisms, 2015, 8, 877-90.	1.2	53
43	Adult Lung Spheroid Cells Contain Progenitor Cells and Mediate Regeneration in Rodents With Bleomycin-Induced Pulmonary Fibrosis. Stem Cells Translational Medicine, 2015, 4, 1265-1274.	1.6	56
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55	Development of Lung Epithelium from Induced Pluripotent Stem Cells. Current Transplantation Reports, 2015, 2, 81-89.	0.9	20
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66	Accelerated ageing of the lung in COPD: new concepts. Thorax, 2015, 70, 482-489.	2.7	250
67	Plasticity of Hopx+ type I alveolar cells to regenerate type II cells in the lung. Nature Communications, 2015, 6, 6727.	5.8	254
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73	CD41 Marks the Initial Myelo-Erythroid Lineage Specification in Adult Mouse Hematopoiesis: Redefinition of Murine Common Myeloid Progenitor. <i>Stem Cells</i> , 2015, 33, 976-987.	1.4	39
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80	Endogenous and Exogenous Stem/Progenitor Cells in the Lung and Their Role in the Pathogenesis and Treatment of Pediatric Lung Disease. <i>Frontiers in Pediatrics</i> , 2016, 4, 36.	0.9	18
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83	Near Equilibrium Calculus of Stem Cells in Application to the Airway Epithelium Lineage. <i>PLoS Computational Biology</i> , 2016, 12, e1004990.	1.5	7
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92	The cellular kinetics of lung alveolar epithelial cells and its relationship with lung tissue repair after acute lung injury. <i>Respiratory Research</i> , 2016, 17, 164.	1.4	19
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126	Fate Mapping Mammalian Corneal Epithelia. <i>Ocular Surface</i> , 2016, 14, 82-99.	2.2	18

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133	A Chronic Obstructive Pulmonary Disease Susceptibility Gene, <i>FAM13A</i> , Regulates Protein Stability of β -Catenin. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 185-197.	2.5	101
134	Small Cell Lung Cancer: Can Recent Advances in Biology and Molecular Biology Be Translated into Improved Outcomes?. <i>Journal of Thoracic Oncology</i> , 2016, 11, 453-474.	0.5	156
135	Polycomb Repressive Complex 2 Is a Barrier to KRAS-Driven Inflammation and Epithelial-Mesenchymal Transition in Non-Small-Cell Lung Cancer. <i>Cancer Cell</i> , 2016, 29, 17-31.	7.7	96
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137	Neonatal Respiratory Failure with Retarded Perinatal Lung Maturation in Mice Caused by Reticulocalbin 3 Disruption. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 410-423.	1.4	26
138	The EGFR-HER2 module: a stem cell approach to understanding a prime target and driver of solid tumors. <i>Oncogene</i> , 2016, 35, 2949-2960.	2.6	60
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146	Plasticity in the lung: making and breaking cell identity. <i>Development (Cambridge)</i> , 2017, 144, 755-766.	1.2	155
147	Oligohydramnios compromises lung cells size and interferes with epithelial-endothelial development. <i>Pediatric Pulmonology</i> , 2017, 52, 746-756.	1.0	19
148	Giving New Identities to Alveolar Epithelial Type I Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 277-278.	1.4	5
149	Matrix Metalloproteinases and Leukocyte Activation. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 147, 167-195.	0.9	47
150	Patterned cell and matrix dynamics in branching morphogenesis. <i>Journal of Cell Biology</i> , 2017, 216, 559-570.	2.3	98
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152	In Vitro Models to Study Human Lung Development, Disease and Homeostasis. <i>Physiology</i> , 2017, 32, 246-260.	1.6	110
153	β_6 Integrin Directs Alveolar Epithelial Migration. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 413-414.	1.4	1
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155	WNT-er is coming™: WNT signalling in chronic lung diseases. <i>Thorax</i> , 2017, 72, 746-759.	2.7	135
156	Regeneration of the Aging Lung: A Mini-Review. <i>Gerontology</i> , 2017, 63, 270-280.	1.4	64
157	CD44 ^{high} alveolar type II cells show stem cell properties during steady-state alveolar homeostasis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L41-L51.	1.3	18
158	Bronchopulmonary Dysplasia: Where Have All the Stem Cells Gone?. <i>Chest</i> , 2017, 152, 1043-1052.	0.4	38
159	Recruited Monocytes and Type 2 Immunity Promote Lung Regeneration following Pneumonectomy. <i>Cell Stem Cell</i> , 2017, 21, 120-134.e7.	5.2	187
160	Abnormal lung development in congenital diaphragmatic hernia. <i>Seminars in Pediatric Surgery</i> , 2017, 26, 123-128.	0.5	79
161	Hypoxia-Inducible Factor 1 α Signaling Promotes Repair of the Alveolar Epithelium after Acute Lung Injury. <i>American Journal of Pathology</i> , 2017, 187, 1772-1786.	1.9	86
162	Epigenome-wide analysis of DNA methylation in lung tissue shows concordance with blood studies and identifies tobacco smoke-inducible enhancers. <i>Human Molecular Genetics</i> , 2017, 26, 3014-3027.	1.4	97

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163	Cell-specific expression of aquaporin-5 (Aqp5) in alveolar epithelium is directed by GATA6/Sp1 via histone acetylation. <i>Scientific Reports</i> , 2017, 7, 3473.	1.6	25
164	Unbiased Quantitation of Alveolar Type II to Alveolar Type I Cell Transdifferentiation during Repair after Lung Injury in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 519-526.	1.4	76
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