

JoVE Video Selection

[A 3D Human Lung Tissue Model for Functional Studies on Mycobacterium tuberculosis Infection | Protocol \(jove.com\)](#)

[Generation of Human 3D Lung Tissue Cultures \(3D-LTCs\) for Disease Modeling | Protocol \(jove.com\)](#)

[Multidimensional Coculture System to Model Lung Squamous Carcinoma Progression | Protocol \(jove.com\)](#)

[Assessment of the Cytotoxic and Immunomodulatory Effects of Substances in Human Precision-cut Lung Slices | Protocol \(jove.com\)](#)

[Legionella pneumophila Outer Membrane Vesicles: Isolation and Analysis of Their Pro-inflammatory Potential on Macrophages | Protocol \(jove.com\)](#)

[Videomorphometric Analysis of Hypoxic Pulmonary Vasoconstriction of Intra-pulmonary Arteries Using Murine Precision Cut Lung Slices | Protocol \(jove.com\)](#)

[Formaldehyde-assisted Isolation of Regulatory Elements to Measure Chromatin Accessibility in Mammalian Cells | Protocol \(jove.com\)](#)

[Studying Wnt Signaling During Patterning of Conducting Airways | Protocol \(jove.com\)](#)

[Assessment of the Cytotoxic and Immunomodulatory Effects of Substances in Human Precision-cut Lung Slices | Protocol \(jove.com\)](#)

[The WinCF Model - An Inexpensive and Tractable Microcosm of a Mucus Plugged Bronchiole to Study the Microbiology of Lung Infections | Protocol \(jove.com\)](#)

[Generation of Human 3D Lung Tissue Cultures \(3D-LTCs\) for Disease Modeling | Protocol \(jove.com\)](#)

[Three-dimensional Co-culture Model for Tumor-stromal Interaction | Protocol \(jove.com\)](#)

[An Improved Method for Rapid Intubation of the Trachea in Mice | Protocol \(jove.com\)](#)

[DNA Extraction from Paraffin Embedded Material for Genetic and Epigenetic Analyses | Protocol \(jove.com\)](#)

[Mouse Embryonic Lung Culture, A System to Evaluate the Molecular Mechanisms of Branching | Protocol \(jove.com\)](#)

[Induction and Validation of Cellular Senescence in Primary Human Cells | Protocol \(jove.com\)](#)

[Isolation and In Vitro Culture of Murine and Human Alveolar Macrophages | Protocol \(jove.com\)](#)

[Monitoring Neutrophil Elastase and Cathepsin G Activity in Human Sputum Samples | Protocol \(jove.com\)](#)

[Standardized and Scalable Assay to Study Perfused 3D Angiogenic Sprouting of iPSC-derived Endothelial Cells In Vitro | Protocol \(jove.com\)](#)

[Using Micro-computed Tomography for the Assessment of Tumor Development and Follow-up of Response to Treatment in a Mouse Model of Lung Cancer | Protocol \(jove.com\)](#)

[Droplet Barcoding-Based Single Cell Transcriptomics of Adult Mammalian Tissues | Protocol \(jove.com\)](#)