Plan Overview

A Data Management Plan created using DMPTool-Stage

DMP ID: https://doi.org/10.48321/D11K7S

Title: Role of Pulmonary ENaC and Non-Selective Cation Channels in Bacterial Pneumonia

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Funder: National Institutes of Health (nih.gov)

Template: NIH-GEN: Generic (Current until 2023)

Project abstract:

Acute lung injury, acute respiratory distress syndrome, and pneumonia are all pathologies characterized by fluid accumulation in the lungs. Bacterial and viral pneumonia alone normally affects approximately 450 million people globally per year (7% of the population) and results in about 4 million deaths. Pneumonia death is typically caused by flooding of lung's terminal air sacs preventing normal gas exchange and consequent lowering of blood oxygen. We propose to investigate how this fluid accumulation occurs and whether the accumulation can be reduced or eliminated.

Start date: 11-30-2023

Last modified: 08-07-2023

Copyright information:

Role of Pulmonary ENaC and Non-Selective Cation Channels in Bacterial Pneumonia

Institutional website (Renal Division)

When accepted for publication

Emory Medical School Public servers

No

description of data

WORD DOCx; XCELL XLSx; Powerpoint PPTX; AXON text files ATF; Image file TIF

None

No

Planned Research Outputs

Dataset - "Single channel data"

reduced data from single channel records in manuscripts as axon text files

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Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Single channel data	Dataset	2023-11-30	Open	KWTRP Research Data Repository Dataverse	2 GB	None specified	None specified	No	No