

Plan Overview

A Data Management Plan created using DMP Tool

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

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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.

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

Data sharing plan

How do you plan to provide access to your data?

Institutional website (Renal Division)

When will you make the data available?

When accepted for publication

Which archive/repository/central database have you identified as a place to deposit data?

Emory Medical School Public servers

Will a data-sharing agreement be required?

No

What metadata/documentation will be submitted alongside the data?

description of data

What file formats will you use for your data, and why?

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

What transformations will be necessary to prepare data for preservation/data sharing?

None

Do you need funding for the implementation of this data sharing plan?

No

Planned Research Outputs

Dataset - "Single channel data"

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

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