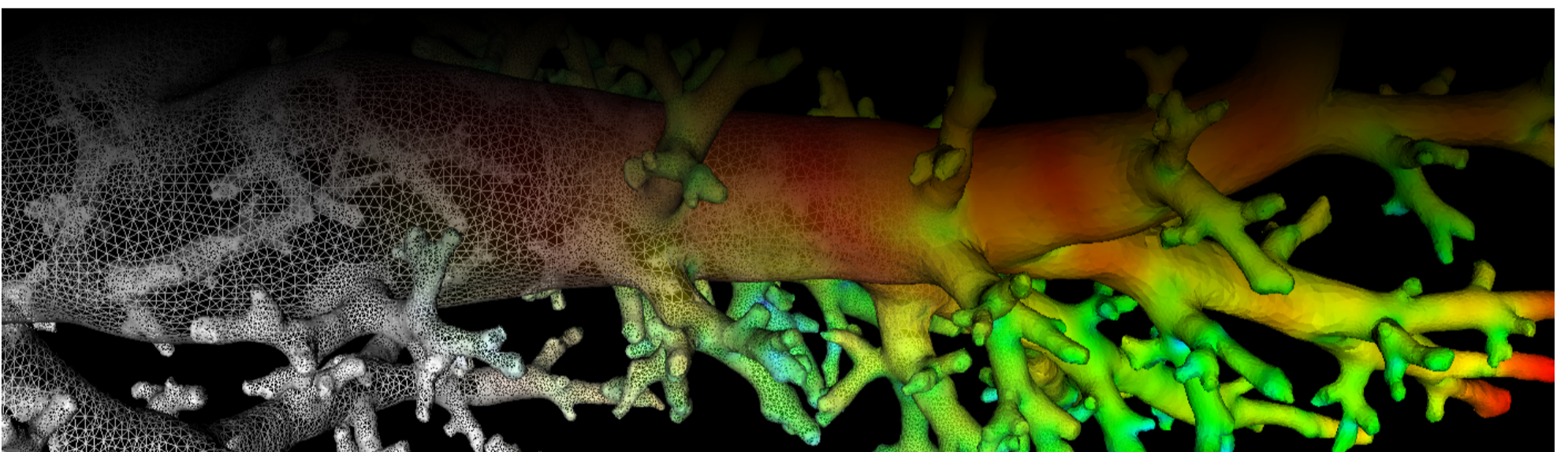


Lung Anatomy + Particle Deposition (lapd) Mouse Archive for Modeling and Computational Toxicology



Data Overview

The lapdMouse Archive contains data of mice from different strains and sex that were exposed to particles of diameters of 0.5, 1.0 or 2.0 μm . The table below gives an overview of currently available datasets.

particle size	strain and sex							
	B6C3F1		BALB/c		CD-1		C57BL/6	
	M	F	M	F	M	F	M	F
0.5 μm	-	-	1	2	-	-	-	-
1.0 μm	2	2	2	2	2	2	2	2
2.0 μm	2	2	2	2	1	2	2	2

Table 1: Number of currently available datasets per mouse strain, sex, and particle size.

Data Download Options

Before downloading data, please note that the high resolution image data files are very large (>20 GB) and all files combined for a single mouse are >250 GB. We recommend to first study the [Data Representation](#) section and then to download only files that are needed.

- [lapdMouseBrowser](#): GUI extension for 3D Slicer that also allows visualization of various file formats utilized in the lapdMouse project.
- [lapdMouseDBUtil](#): Command line tool to systematically list, search, and download files from the lapdMouse archive.

- [Web download](#): Directly access individual files of a single mouse dataset.

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