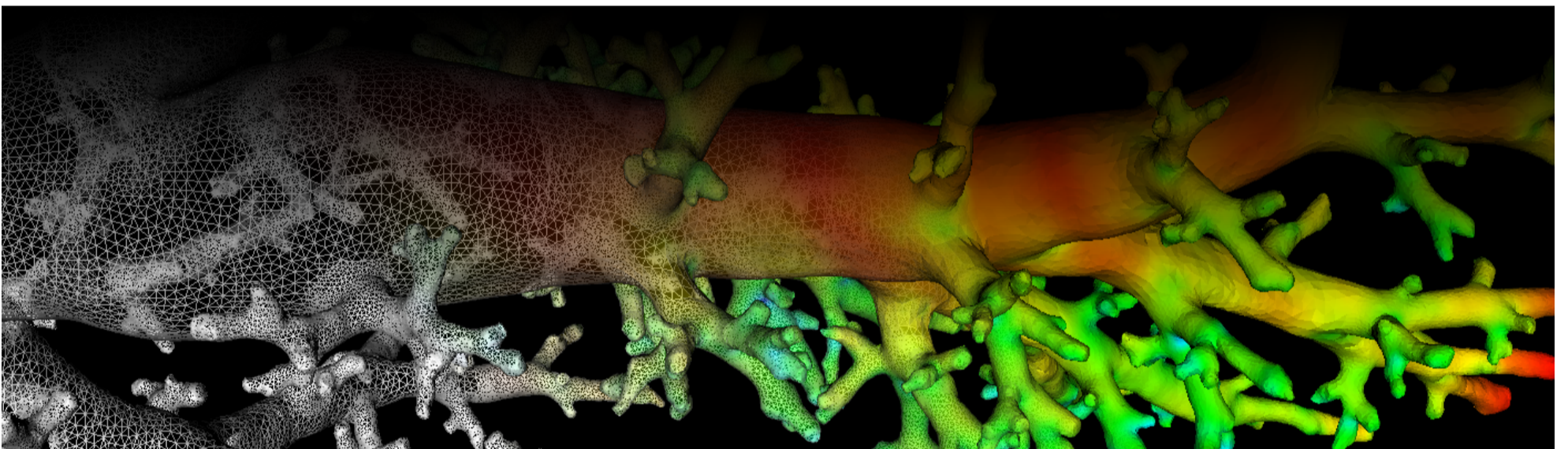# Lung Anatomy + Particle Deposition (lapd) Mouse Archive

for Modeling and Computational Toxicology

File formats

All data are stored in commonly utilized file formats that can be processed with a number of software packages like [ITK](), [3DSlicer](), or [Paraview](). An overview of utilized formats and corresponding file extensions is given below.

- Extension **.mha**: scalar image volumes; format [description](); library for reading/writing: [ITK](); supporting viewer: [3DSlicer]()
- Extension **.nrrd**: volumetric labelmaps, format [description](); library for reading/writing: [ITK](); supporting viewer: [3DSlicer]()
- Extension **.vtk**: meshes (with scalar values for vertices); format [description](); library for reading/writing: [ITK](); supporting viewer: [3DSlicer]()
- Extension **.meta**: hierarchical representation of centerlines with radii; format [description](); library for reading/writing: [ITK]()
- Extension **.csv**: tables; format [description](); supporting viewer: [OpenOffice Calc]()
- Extension **.md**: info files; format [description](); supporting viewer: [Emacs]()
- Extension **.nef**: raw camera images; format [description](); conversion tool and viewer: [UFRaw]()
- Extension **.json**: structured data; format [description](); supporting viewer: [Emacs]()

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