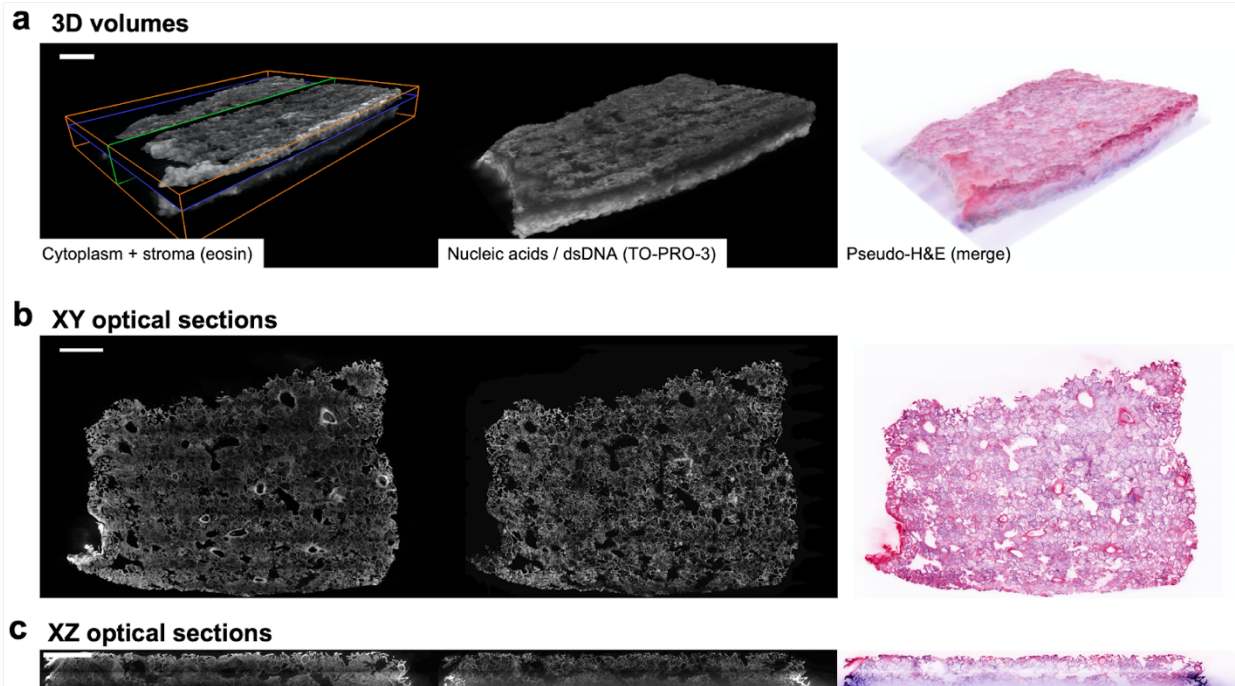


Supplemental information

Supplemental Methods

Videos. Videos of the reconstructed volumes in Supplemental Video 1 and Supplemental Video 3 were generated using Amira (Thermo-Fisher Scientific) and recorded with ScreenToGif. Supplemental Video 2 was captured in the OpenViSUS framework by rotating each subvolume about the z-axis.

Supplemental Figures



Supplemental Figure 1. Generation of pseudo-H&E volumes (a) and sections (b, c) from individual acquisition channels of the entire volume corresponding to cytoplasm and stroma (eosin fluorescence) and nucleic acids (TO-PRO-3 stain, which is sensitive for dsDNA).

Supplemental Video 1. Video of the subvolume from Figure 1b, demonstrating all orthogonal slices in each direction.

Supplemental Video 2. Video demonstrating lobular, multi-nucleated megakaryocyte in 3D.

Supplemental Video 3. Video of the subvolume from Figure 2a, demonstrating all orthogonal slices in each direction.