

### Selected references

# Research with the UltraMicroscope (except neuroscience and immuno-oncology)

#### 2023

Lincoln, B. et al. (2023) Lymphatic vessels in bone support regeneration after injury. Cell 186: 382–397.e24. https://dx.doi.org/10.1016/j.cell.2022.12.031

## 2022

McKey, J. et al. (2022) Integration of mouse ovary morphogenesis with developmental dynamics of the oviduct, ovarian ligaments, and rete ovarii. eLife 11: e81088. https://dx.doi.org/10.7554/eLife.81088

Hongcheng, M. et al. (2022) Scalable tissue labeling and clearing of intact human organs. Nat. Protoc. 17: 2188–2215. https://doi.org/10.1038/s41596-022-00712-8

Goodyer, W. *et al.* (2022) *In vivo* visualization and molecular targeting of the cardiac conduction system.

J. Clin. Invest. 132: e156955.

https://dx.doi.org/10.1172/JCI156955

# 2021

Hankeova, S. et al. (2021) DUCT reveals architectural mechanisms contributing to bile duct recovery in a mouse model for Alagille syndrome. eLife 10: e60916. https://dx.doi.org/10.7554/eLife.60916

Huesing, C. *et al.* (2021) Sympathetic innervation of inguinal white adipose tissue in the mouse.

J. Comp. Neurol. 529: 1465–1485.

https://dx.doi.org/10.1002/cne.25031

Kong, C. *et al.* (2021) Multiscale and multimodal optical imaging of the ultrastructure of human liver biopsies. Front. Physiol. 12: 637136. https://dx.doi.org/10.3389/fphys.2021.637136

Roostalu, U. *et al.* (2021) Effect of captopril on post-infarction remodelling visualized by light sheet microscopy and echocardiography. Sci. Rep. 11: 5241. https://dx.doi.org/10.1038/s41598-021-84812-7

Toulemonde, P. et al. (2021) Evaluation of the efficacy of dexamethasone-eluting electrode array on the postimplant cochlear fibrotic reaction by three-dimensional immunofluorescence analysis in mongolian gerbil cochlea. J. Clin. Med. 10: 3315. https://dx.doi.org/10.3390/jcm10153315

Wang, X. et al. (2021) Type 2 immunity induced by bladder extracellular matrix enhances corneal wound healing. Sci. Adv. 7: eabe2635. https://dx.doi.org/10.1126/sciadv.abe2635

Zaeck, L.M. et al. (2021) Light sheet microscopy-assisted 3D analysis of SARS-CoV-2 infection in the respiratory tract of the ferret model. Viruses. 13: 529. https://dx.doi.org/10.3390/v13030529

### 2020

Roostalu, U. *et al.* (2020) 3D quantification of changes in pancreatic islets in mouse models of diabetes type I and II. Dis. Model Mech. 13: dmm045351. https://doi.org/10.1242/dmm.045351

Jurtz, V. I. *et al.* (2020) Deep learning reveals 3D atherosclerotic plaque distribution and composition. Sci. Rep. 10: 21523. https://doi.org/10.1038/s41598-020-78632-4



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