



TEM imaging of various tissues of Mouse Biopsy.

Upper left: Myelin of a Schwann cell in mouse brain. Lower left: Ultrastructure of mouse kidney. Right: Structure and ultrastructure of mouse muscle.

Mouse tissues perfused and prefixed by paraformaldehyde were sliced on VT1000S into 100 μ m sections and then immediately frozen in 20 % Dextran using our high-pressure freezing machine HPM-Live μ , followed by freeze substitution (95 % acetone, 5 % H₂O, 2.5 % OsO₄, 0.5 % glutaraldehyde, 0.2 % uranyl acetate). Embedding was conducted in EPON. 80nm thin sections were made on a Ultracut S and observed with a Tecnai 12 transmission electron microscope (120 kV) equipped with a CCD camera (OneView 4Kx4K Gatan) controlled by GMS software. Scale bar = 100 nm (a), 1 μ m (b, f), 2 μ m (c, d, e).

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CAP
CELL

