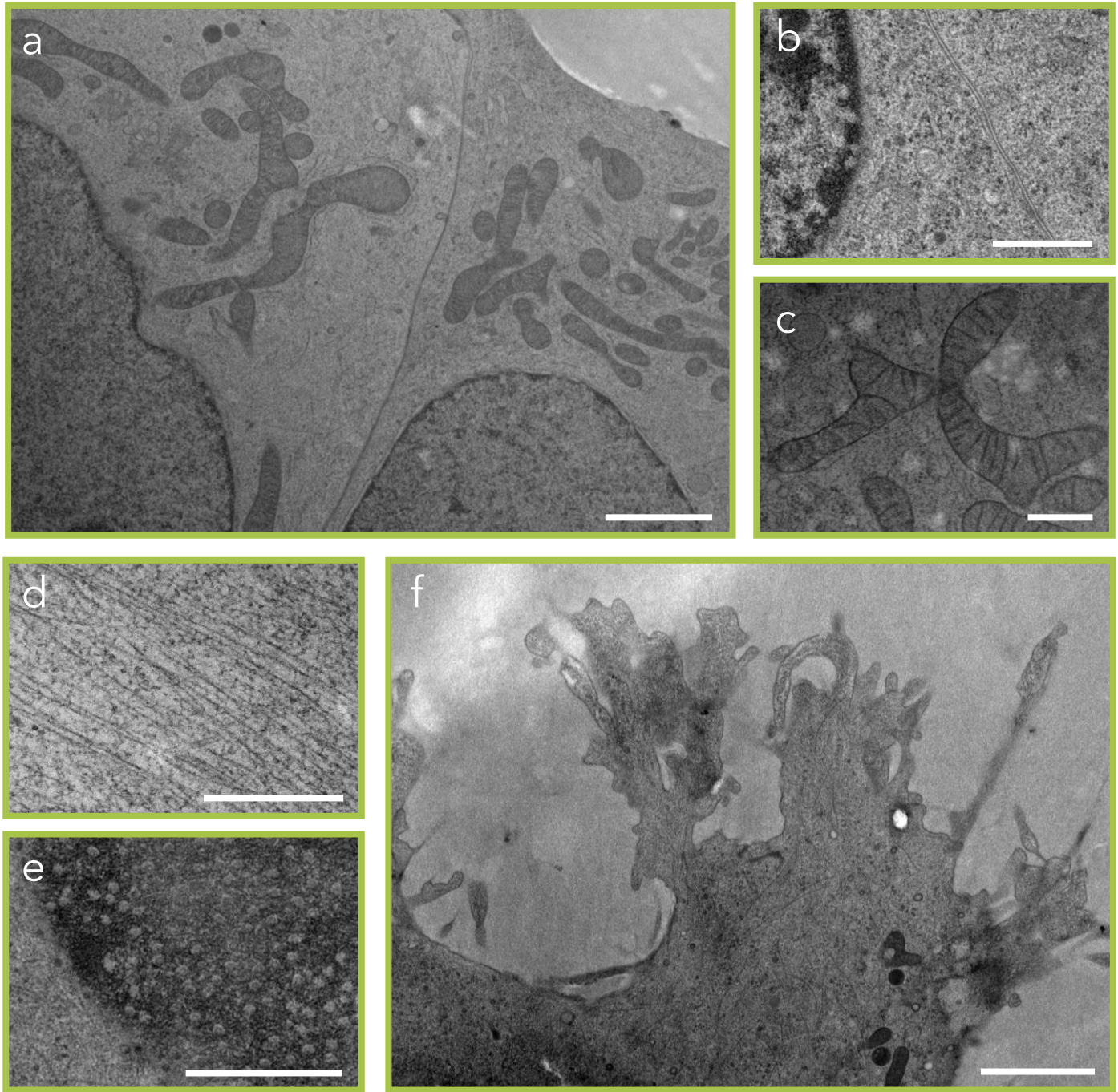


HPF: Live μ [®] -Cell monolayer



TEM imaging of monolayer cells. The human cell line SH-SY5Y was cultured in CryoCapsule[®] as monolayer then vitrified in 8-10 % 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. 70nm 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 = 2 μ m (a, e, f), 1 μ m (b), 0.5 μ m (c, d).

