RESEARCH ARTICLE

Melt-electrowriting of 3D anatomically relevant scaffolds to recreate a pancreatic acinar unit *in vitro*

Supplementary File

Video descriptions

Video S1. Z-stack acquisitions showing the distribution of fibroblasts and epithelial cells along the z-axis within the cavity of the 3D MEW model, 7 days after HPDE cells seeding and 21 days under co-culture conditions. Acquisition depth: 700 μm; number of slices: 58. (a) Cytoskeletons of cells are marked in green; epithelial cells in red. (b) Brightfield channel. Scale bar: 500 μm.

Video S2. Z-stack acquisitions showing the distribution of fibroblasts and epithelial cells along the z-axis within the cavity of the 3D MEW model, 10 days after HPDE cells seeding and 24 days under co-culture conditions. Acquisition depth: 700 μm; number of slices: 58. (a) Cytoskeletons of cells are marked in green; epithelial cells in red. (b) Brightfield channel. Scale bar: 500 μm.

Video S3. Z-stack acquisitions showing the distribution of fibroblasts and epithelial cells along the z-axis within the cavity of the 3D MEW model, 14 days after HPDE cells seeding and 28 days under co-culture conditions. Acquisition depth: 700 μm; number of slices: 58. (a) Cytoskeletons of cells are marked in green; epithelial cells in red. (b) Brightfield channel. Scale bar: 500 μm.