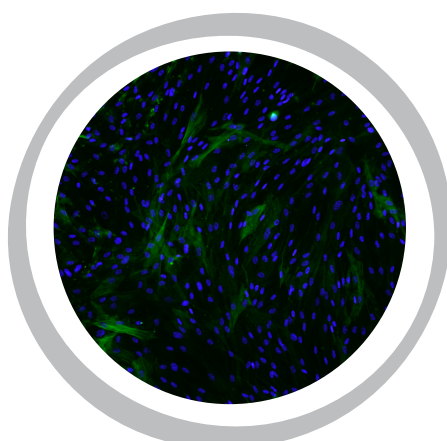
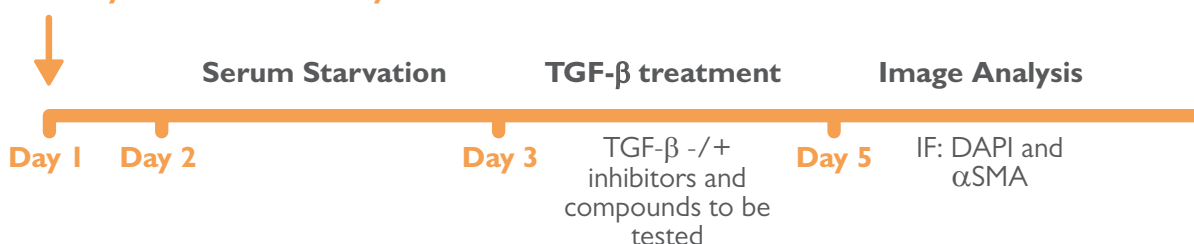


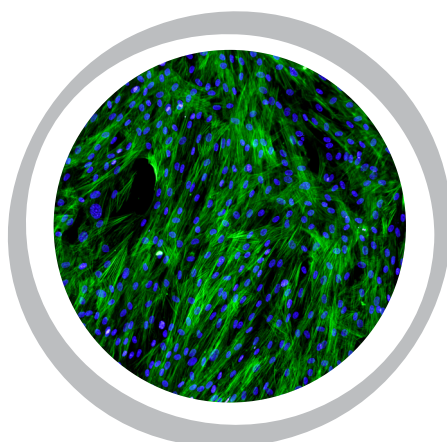
TGF- β INDUCED FIBROSIS on Primary Human Pulmonary Fibroblasts

Human Pulmonary Fibroblasts are seeded in MW96 plates at a density of 5.000 cells/well. On day 2, cells are serum starved for 24h. After that cells are treated with 2 ng/ml TGF- β for 48h. Finally, an immunofluorescence for DAPI and α SMA is performed. Images are taken and analyzed using the CellInsight CX7 HCS Platform and analyzed using the HCS Studio Cell Analysis Software. Using a specific TGF- β type I receptor inhibitor (Alk5i), known as SB525334 (CAS Number 356559-20-1) the expression of FN is disrupted.

Primary Human Pulmonary Fibroblasts



α SMA Control



α SMA TGF

