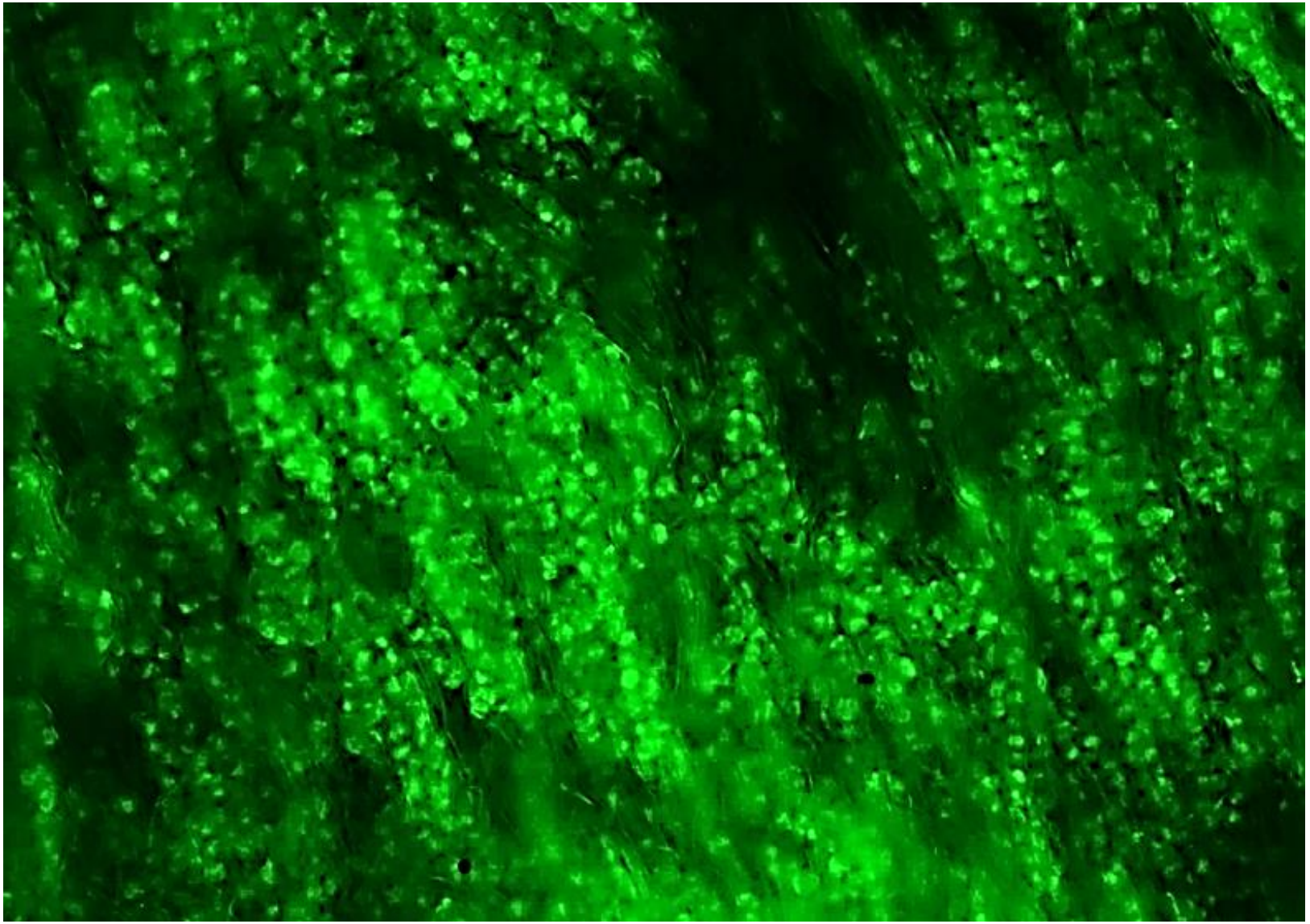
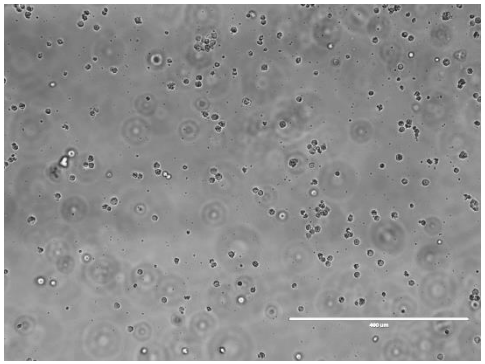
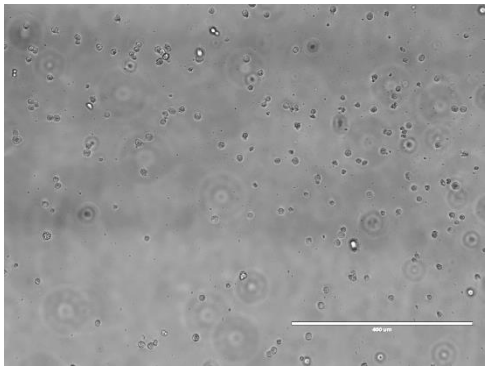


(**fig 6b** extended) Wider field view of FoP MK iPS cells trapped in the collagen support (4 million cells used)

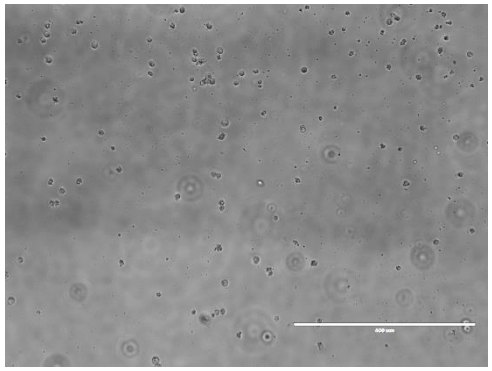
DH



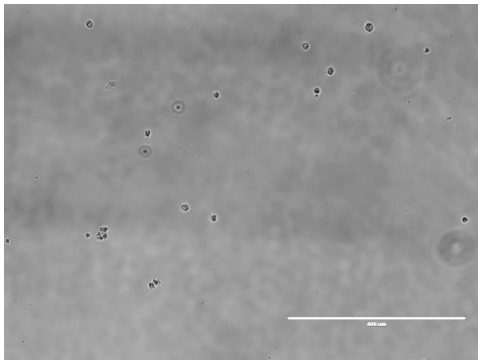
IN



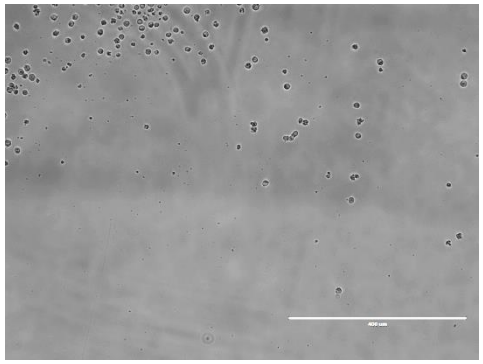
OUT



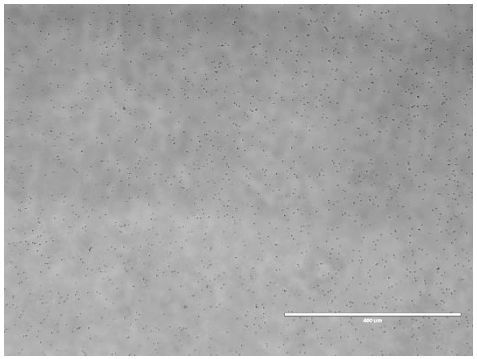
W1



W2



W3



OUTON

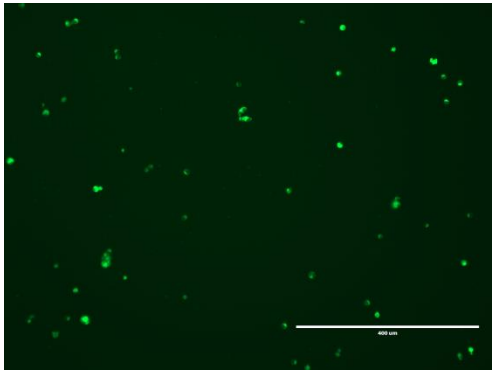
Figure 6 extra info on outflow (filtrate)

FoP Mk iPScells / platlet particles phase contrast microscopy
O/N 100 sample 500 PFA 24 well plate

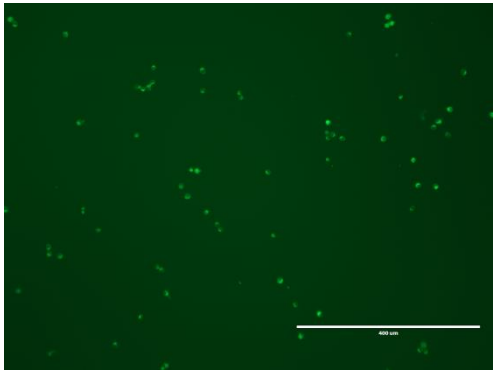
Key: Cells IN, solution OUT filtrate, 3 washes through sponge, OUTON out overnight collection.

DH

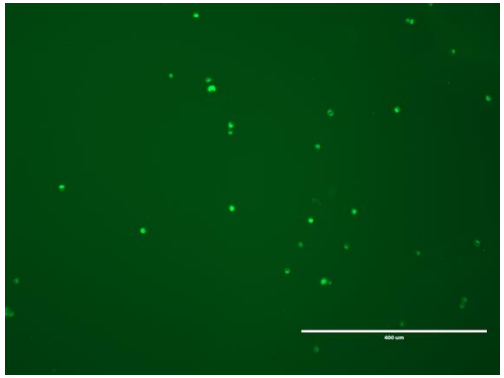
Bioreactor run, 400K Mk Fop IPSC



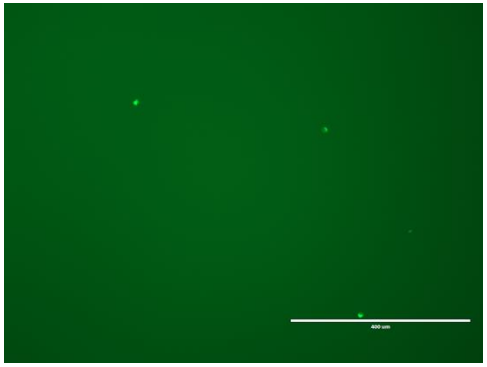
IN



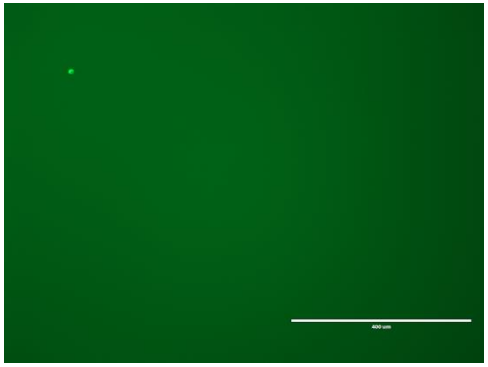
OUT



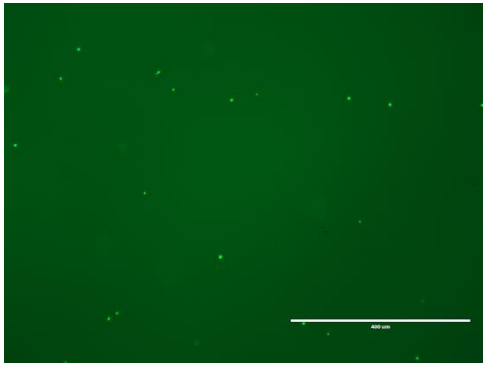
W1



W2



W3



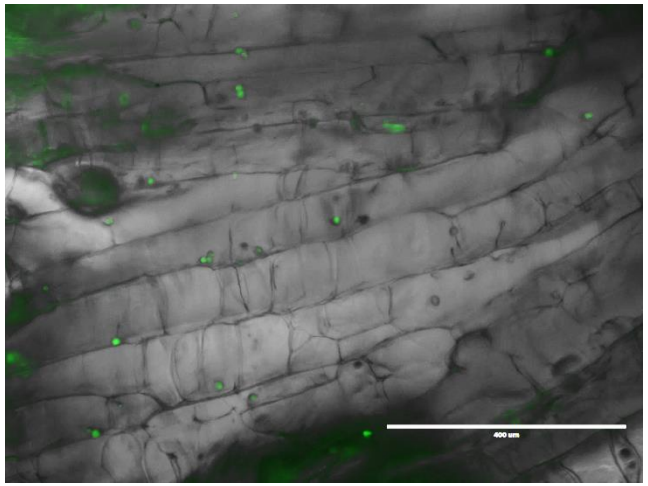
OUTON

100uls of sample to 500uls of filtered 4% PFA, 24 well plate, left to settle before imaging DIOC6

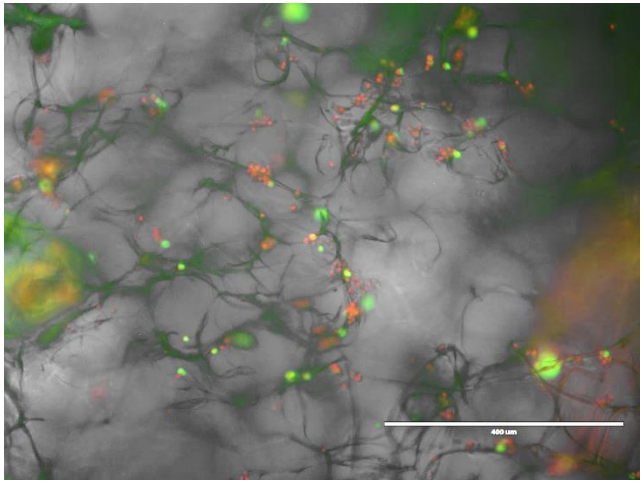
DH

Bioreactor run, layered collagen filter, 400K BOBC

Note: not sectioned, image taken *after* bioreactor run



Upper sponge layer
Calcein stain plus PI



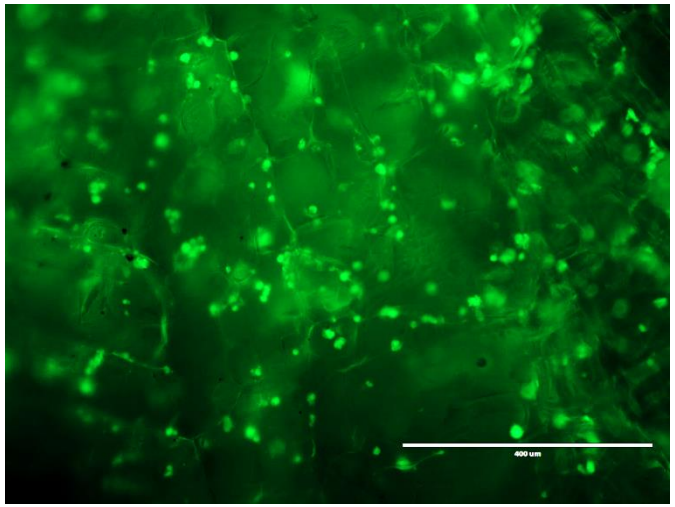
lower sponge layer
Calcein stain plus PI

extra images showing MK FoP iPS cell trapping in collagen supports

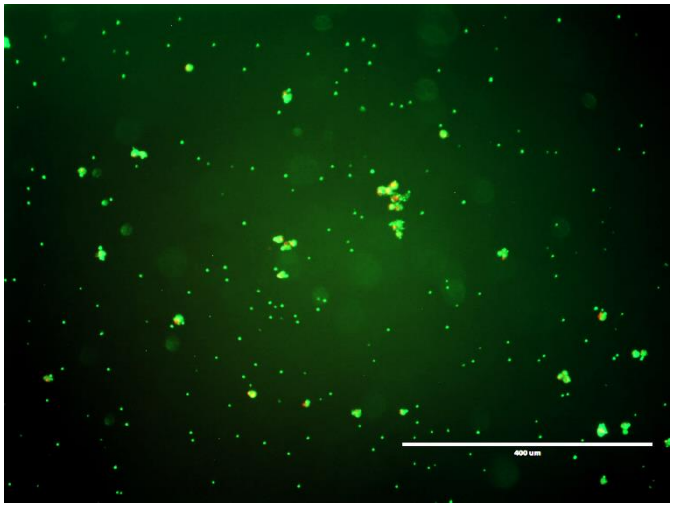
DH

Bioreactor run, layered collagen filter, 400K BOBC

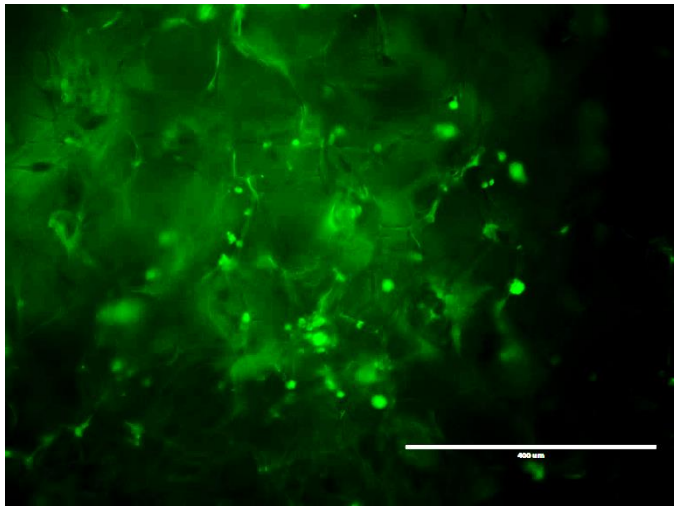
Note: not sectioned, image taken *after* bioreactor run



Upper sponge layer
DIOC6 stain



Washed out of sponge
after staining



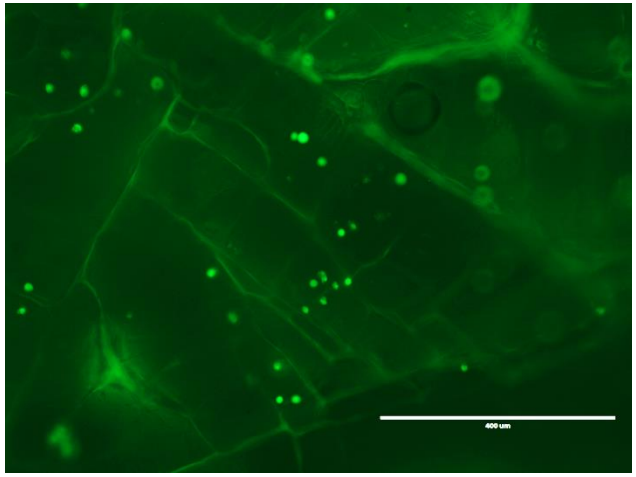
lower sponge layer
DIOC6 stain plus PI

(Note: some washed out during staining)

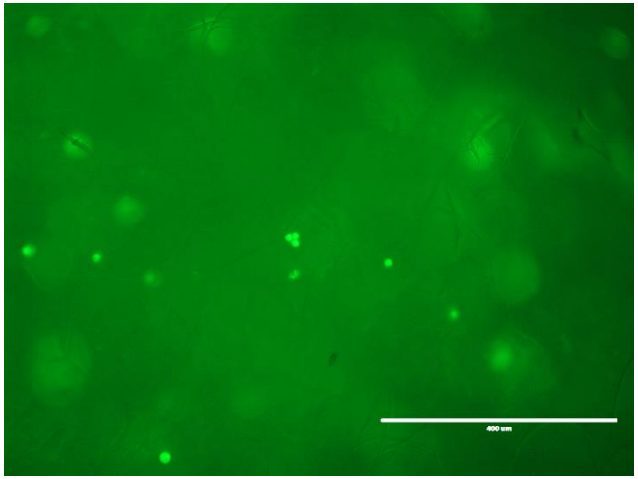
DH

Bioreactor run, layered collagen filter, 400K BOBC

Note: not sectioned, image taken *after* bioreactor run



Upper sponge layer
CAL only



lower sponge layer
Cal only

(Note: some washed out during staining)

DH