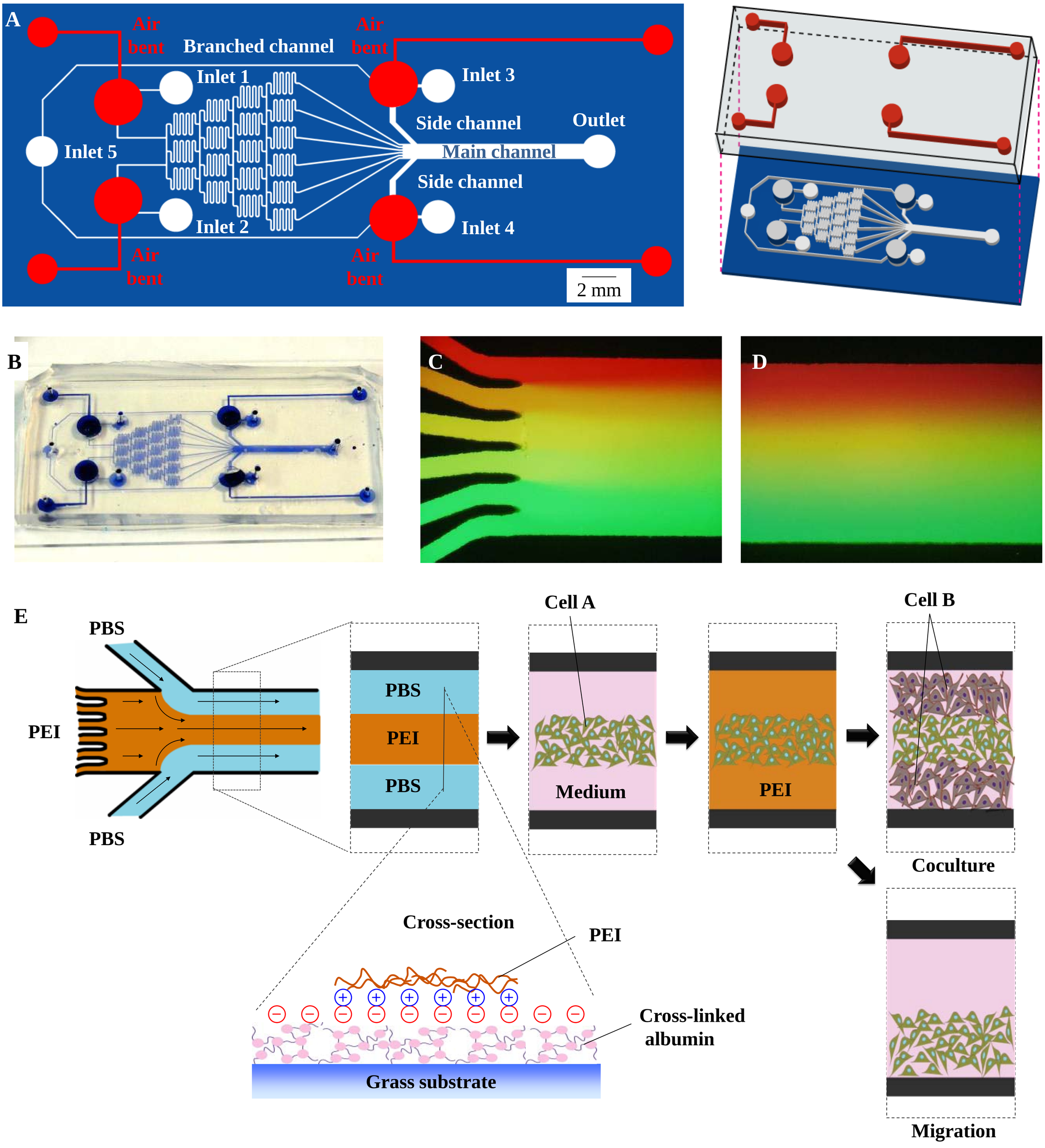
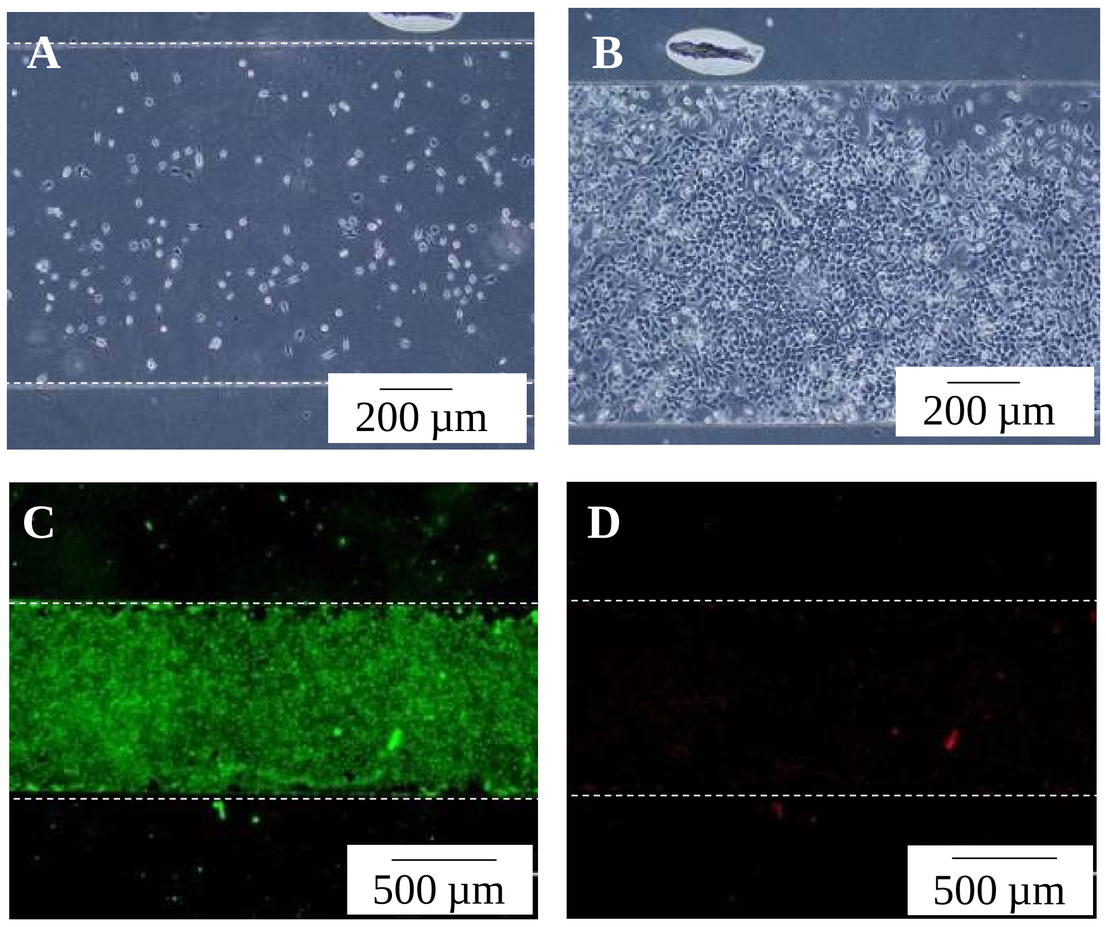
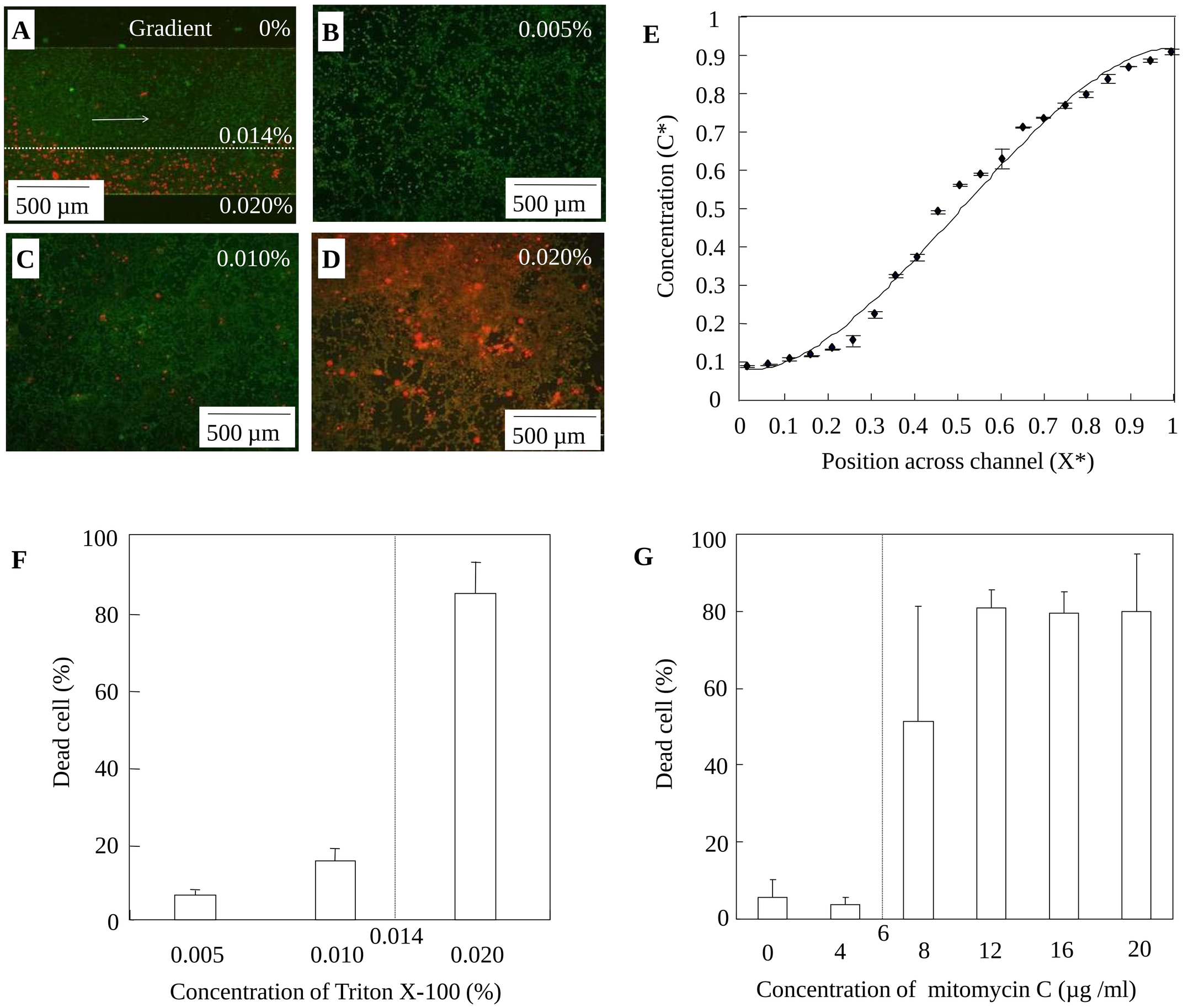
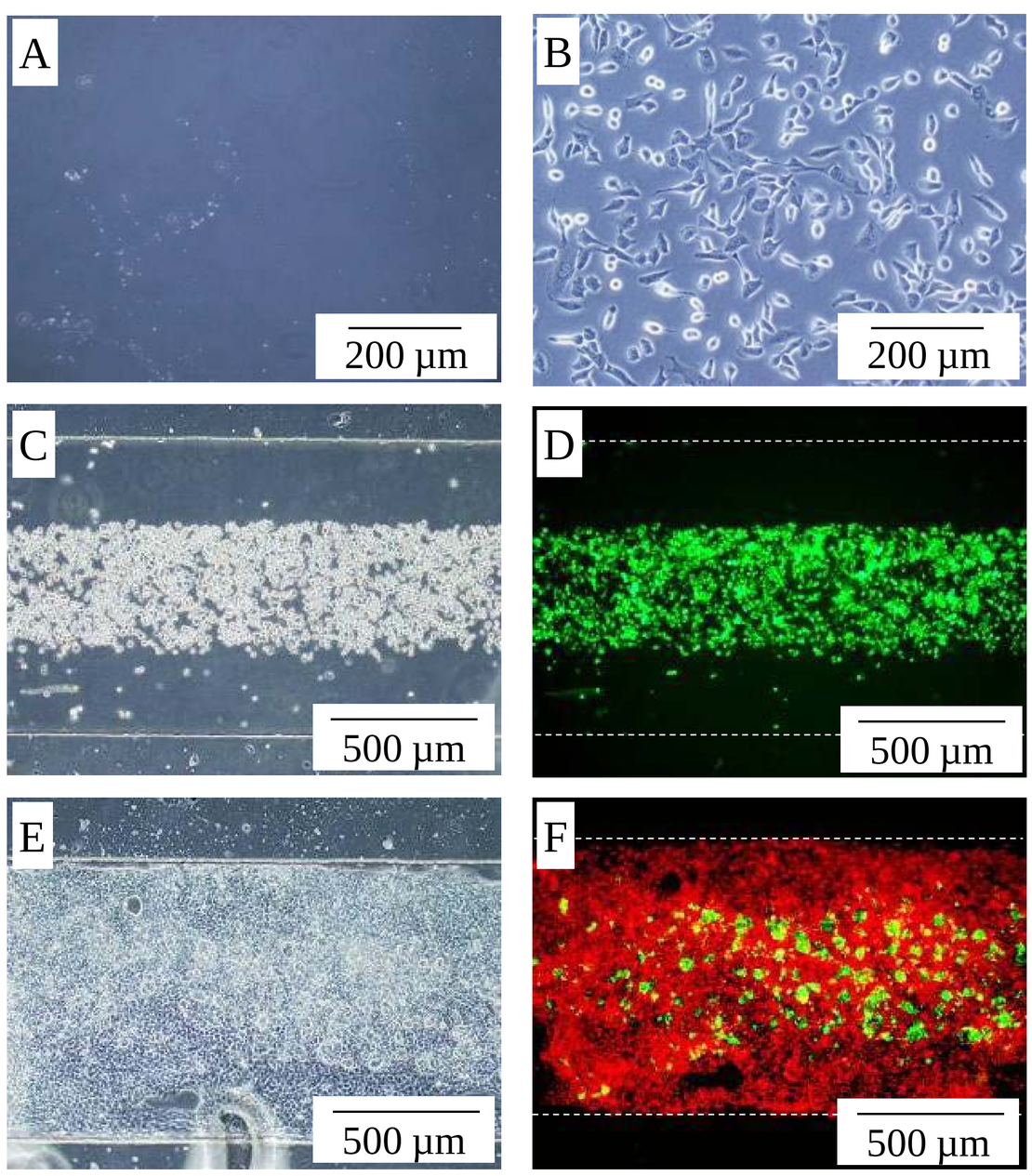
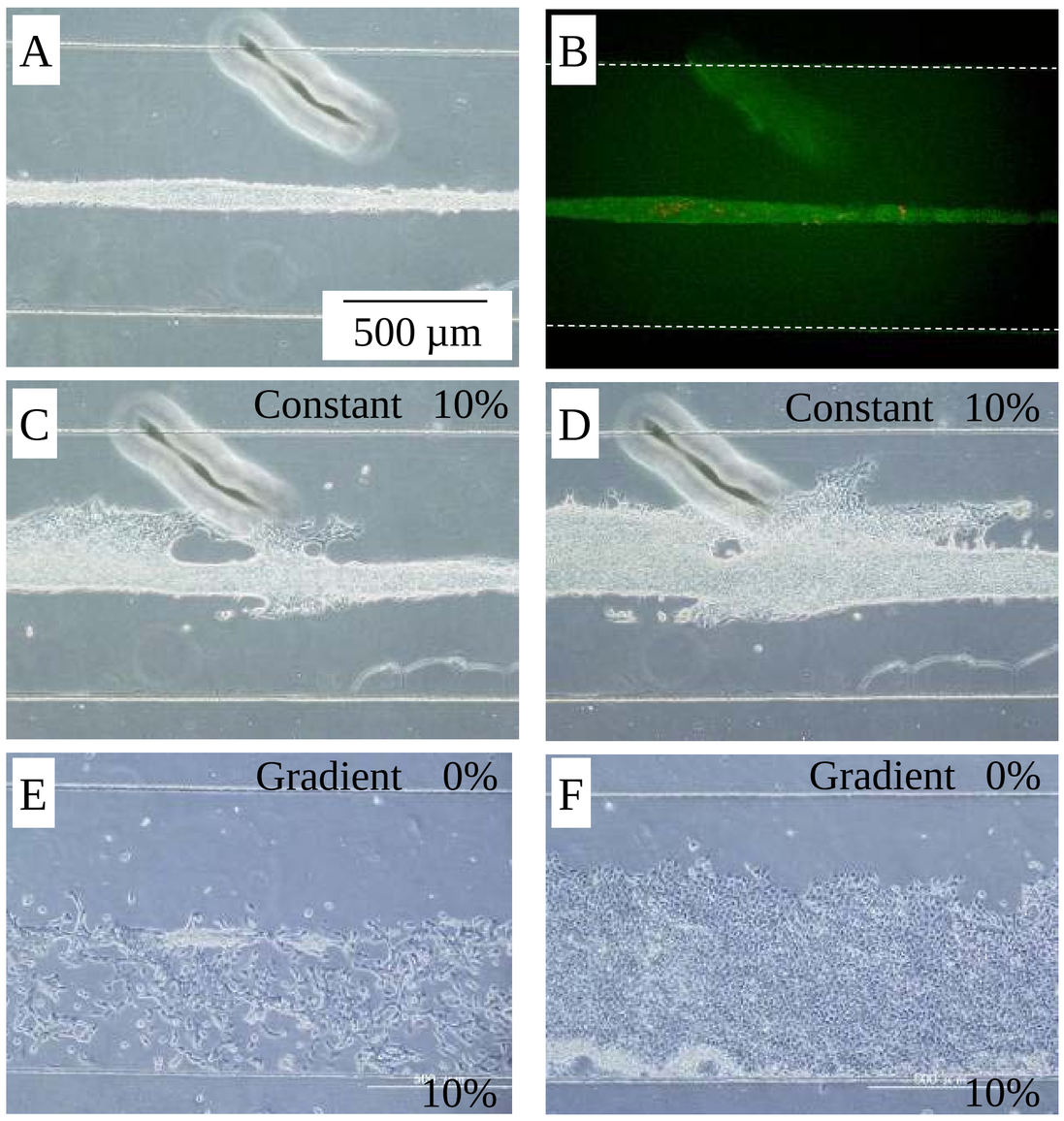

A
Air bent
Branched channel
Air bent
Inlet 1
Inlet 3
Side channel
Outlet
Inlet 5
Main channel
Side channel
Inlet 2
Inlet 4
Air bent
Air bent
2 mm
B
C
D
E
PBS
PEI
PBS
PBS
PEI
PBS
Cell A
Medium
PEI
Cell B
Coculture
Cross-section
PEI
Cross-linked albumin
Grass substrate
Migration

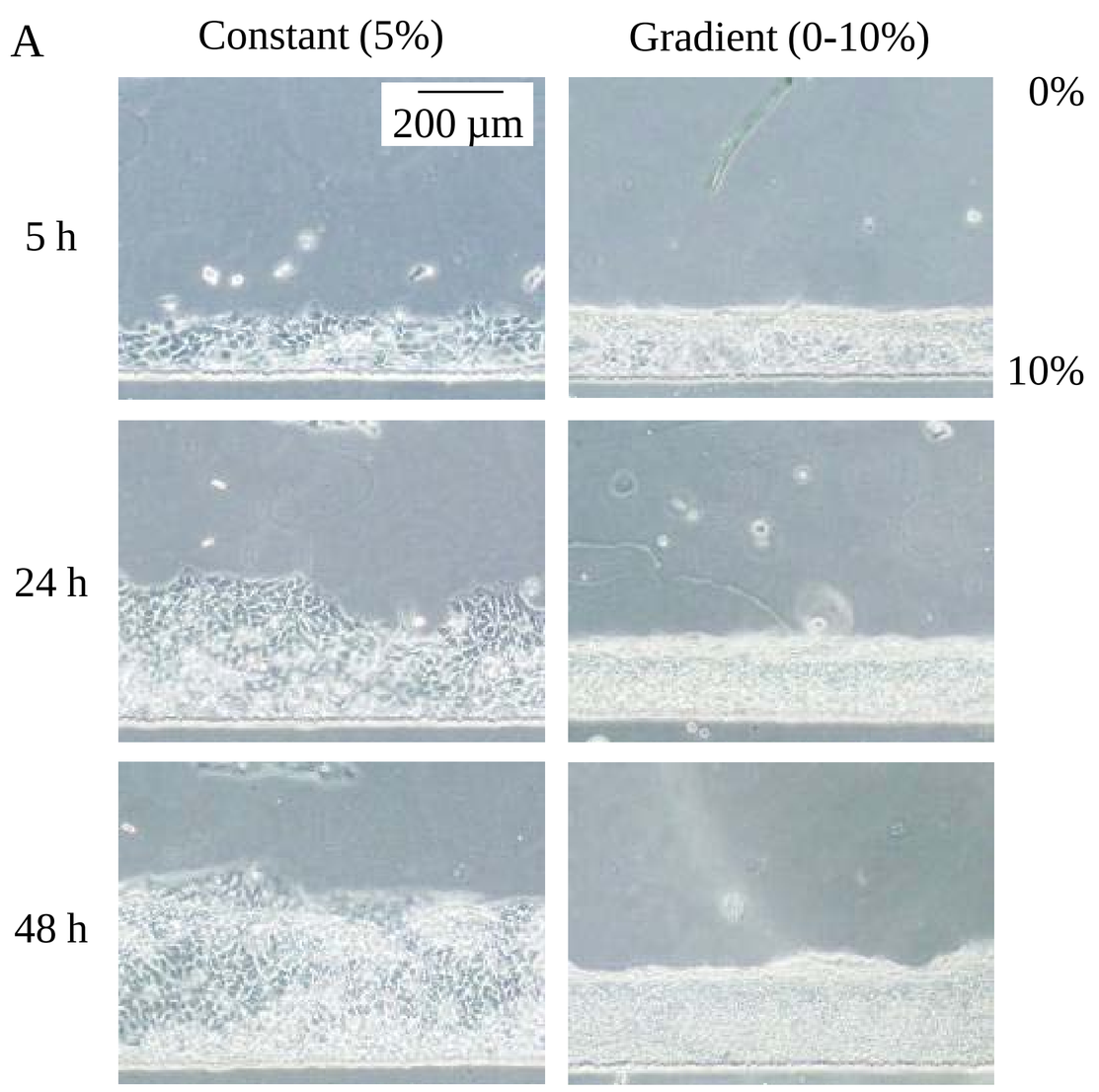

A
200 µm
B
200 µm
C
500 µm
D
500 µm

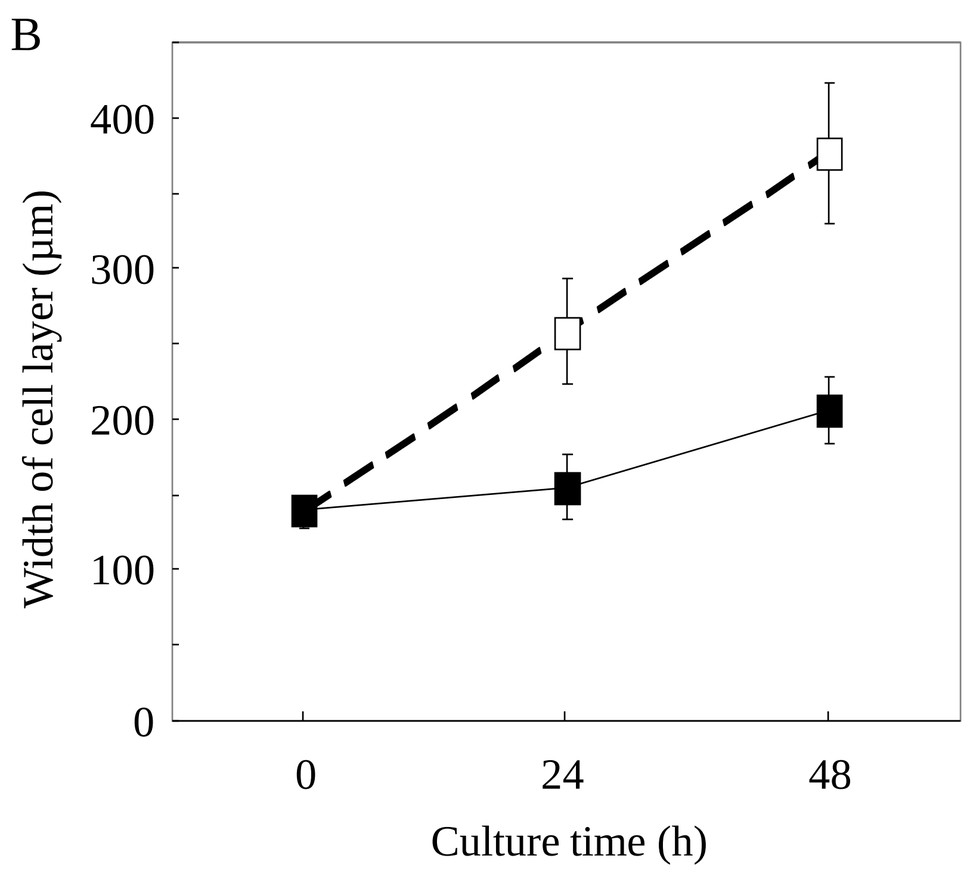
T. Okuyama, et al. Fig. 3




A
200 μm
B
200 μm
C
500 μm
D
500 μm
E
500 μm
F
500 μm


A
500 µm
B
C
Constant 10%
D
Constant 10%
E
Gradient 0%
10%
F
Gradient 0%
10%


A
Constant (5%)
Gradient (0-10%)
200 µm
0%
10%
5 h
24 h
48 h


B
Width of cell layer (µm)
0
100
200
300
400
0
24
48
Culture time (h)