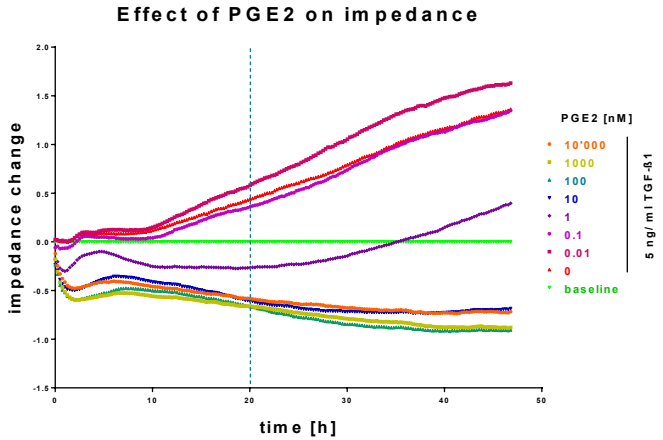
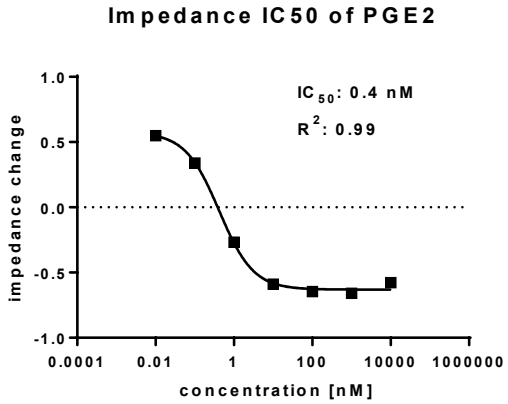
S4 Fig

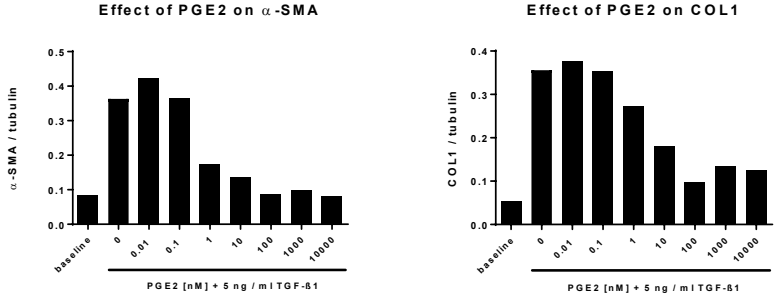
A


Effect of PGE2 on impedance
impedance change
time [h]
PGE2 [nM]
10'000
1000
100
10
1
0.1
0.01
0
baseline
5 ng/ml TGF-ß1

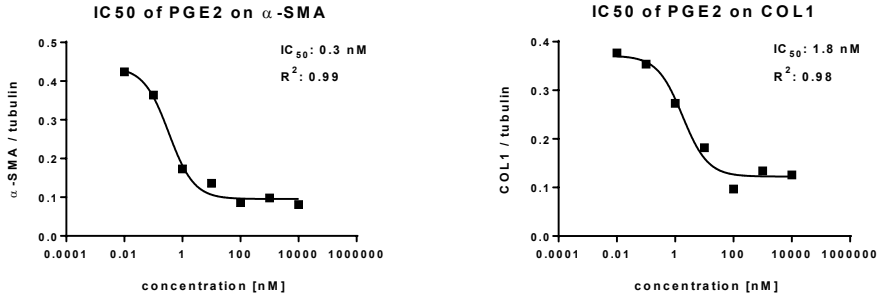
B


Impedance IC50 of PGE2
IC50: 0.4 nM
R2: 0.99
impedance change
concentration [nM]

C


Effect of PGE2 on α-SMA
α-SMA / tubulin
baseline
0
0.01
0.1
1
10
100
1000
10000
PGE2 [nM] + 5 ng / ml TGF-ß1
Effect of PGE2 on COL1
COL1 / tubulin
PGE2 [nM] + 5 ng / ml TGF-ß1

D


IC50 of PGE2 on α-SMA
IC50: 0.3 nM
R2: 0.99
α-SMA / tubulin
concentration [nM]
IC50 of PGE2 on COL1
IC50: 1.8 nM
R2: 0.98
COL1 / tubulin
concentration [nM]