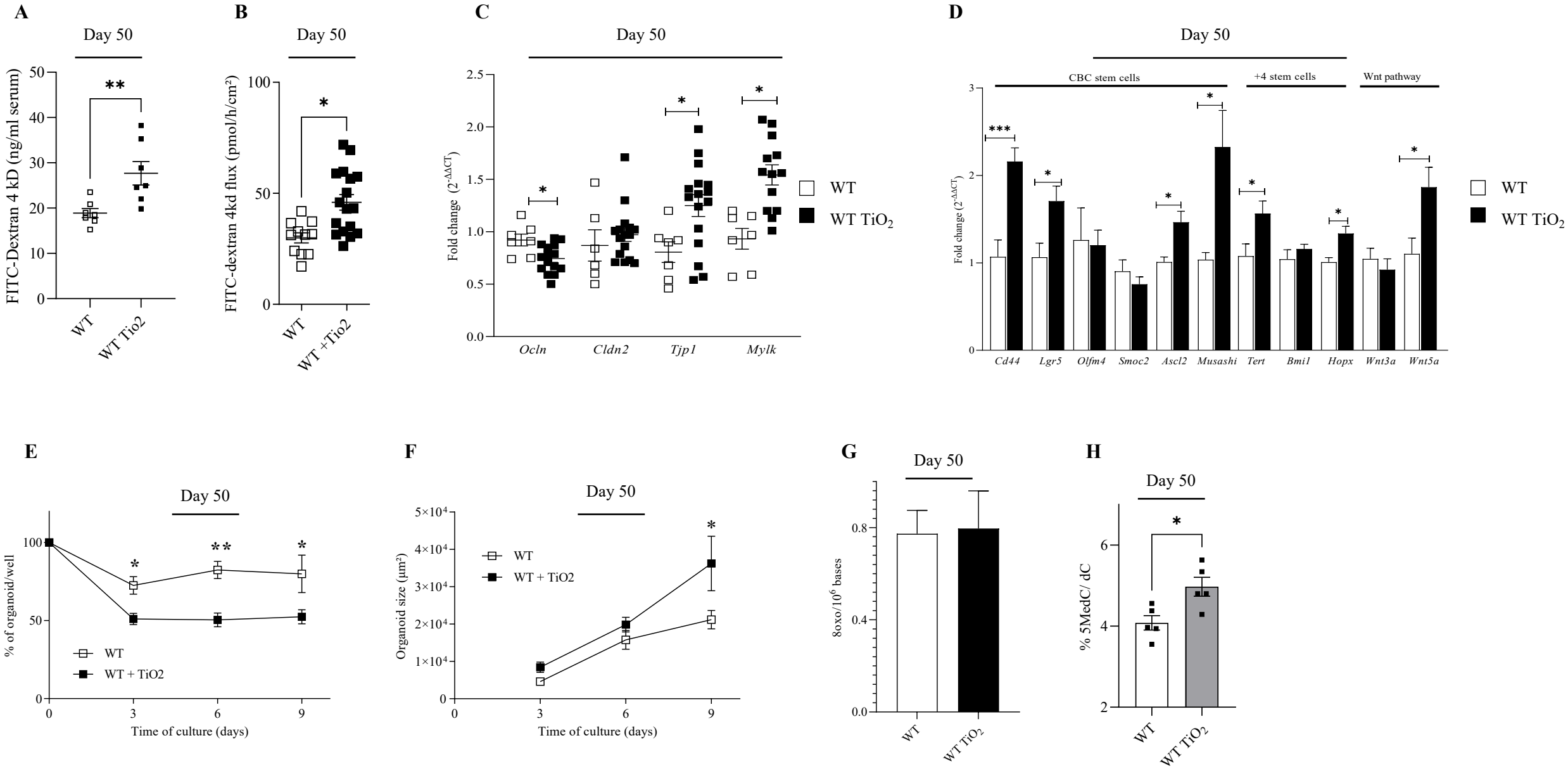
A
Day 50
FITC-Dextran 4 kD (ng/ml serum)
WT
WT Tio2
B
Day 50
FITC-dextran 4kd flux (pmol/h/cm²)
WT
WT +Tio2
C
Day 50
Fold change (2^-ΔΔCT)
Ocln
Cldn2
Tjp1
Mylk
WT
WT TiO2
D
Day 50
CBC stem cells
+4 stem cells
Wnt pathway
Fold change (2^-ΔΔCT)
Cd44
Lgr5
Olfm4
Smoc2
Ascl2
Musashi
Tert
Bmi1
Hopx
Wnt3a
Wnt5a
WT
WT TiO2
E
Day 50
% of organoid/well
WT
WT + TiO2
Time of culture (days)
F
Day 50
Organoid size (µm²)
WT
WT + TiO2
Time of culture (days)
G
Day 50
8oxo/10^6 bases
WT
WT TiO2
H
Day 50
% 5MedC/ dC
WT
WT TiO2