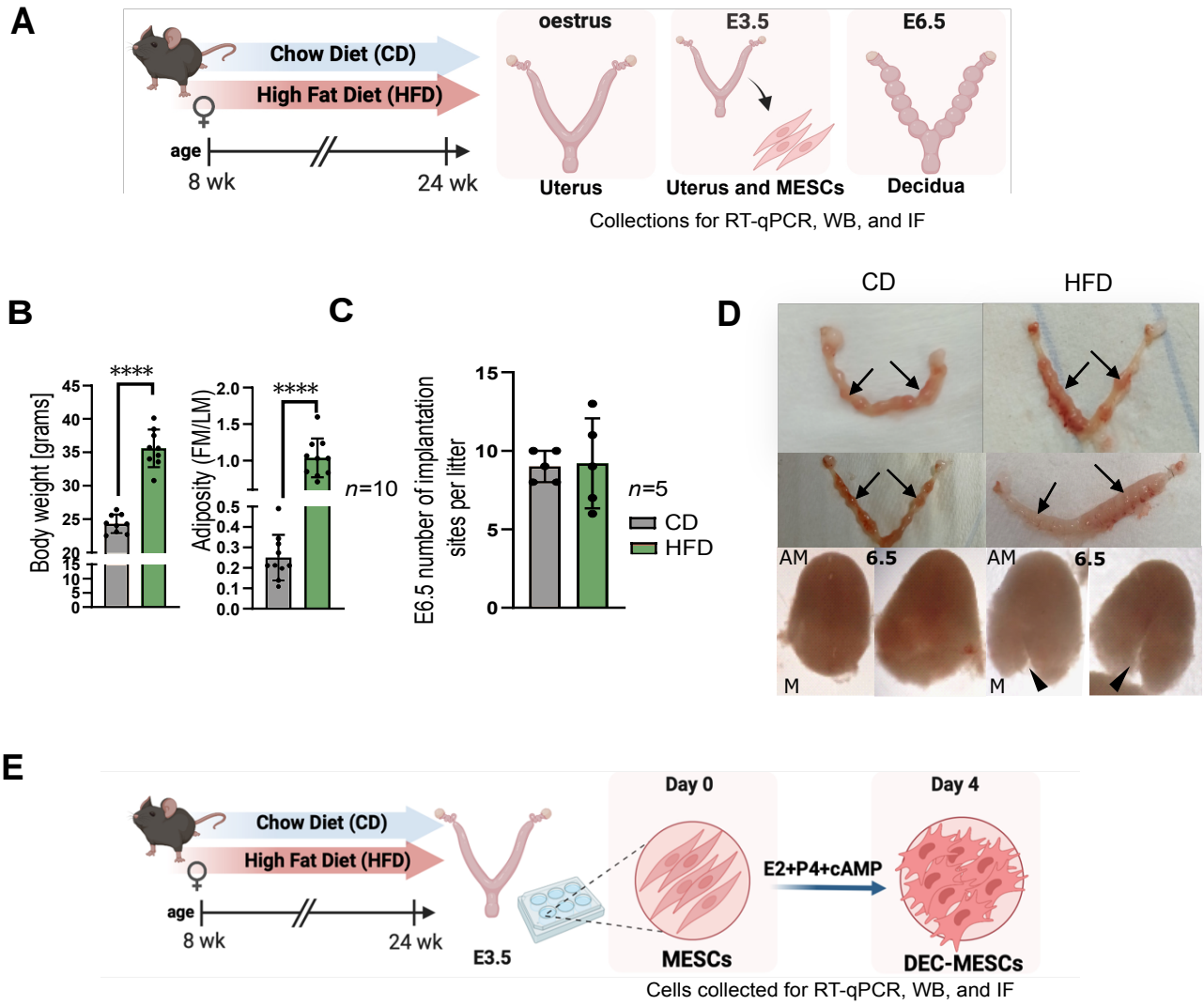
A
Chow Diet (CD)
High Fat Diet (HFD)
age
8 wk
24 wk
oestrus
E3.5
E6.5
Uterus
Uterus and MESCs
Decidua
Collections for RT-qPCR, WB, and IF
B
Body weight [grams]
****
C
Adiposity (FM/LM)
****
n=10
E6.5 number of implantation sites per litter
n=5
CD
HFD
D
CD
HFD
AM
6.5
M
E
Chow Diet (CD)
High Fat Diet (HFD)
age
8 wk
24 wk
E3.5
Day 0
MESCs
E2+P4+cAMP
Day 4
DEC-MESCs
Cells collected for RT-qPCR, WB, and IF
F
DAPI/VIMENTIN/
CYTOKERATIN
DAPI/IgG rabbit
G
MESCs from E3.5
Relative expression
****
n=10
Vimentin
E-cadherin
H
Dtprp1
Bmp2
Hoxa10
Hand2
Relative expression
****
**
****
**
n=5
Day 0
Day 4
I
Number of cells
****
n=24
CD
HFD