Figure 1
**In Vitro/Ex vivo**

- Preadipocyte
- + MR
- Adipocyte

**In Vivo**

- Macrophage
- M1-like macrophages
- Inflammation
- M2-like macrophages
- Alternative activation

Figure 10
A

B

PPARγ2

Relative expression (PPARγ2/18S)

Basal Medium
Control Medium
WT CM
Tg CM

\( p = 0.08 \)

C

FAS

Relative Expression (FAS/18S)

Basal Medium
Control Medium
WT CM
Tg CM
Figure 8
Figure 7
Figure 6

- PPARγ2
- GR
- 11βHSD1

**SC**

A. Relative expression of PPARγ2 in WT and Tg mice.

B. Relative expression of PPARγ2 in WT and Tg mice under HFD.

C. Relative expression of GR in WT and Tg mice.

D. Relative expression of GR in WT and Tg mice under HFD.

E. Relative expression of 11βHSD1 in WT and Tg mice.

F. Relative expression of 11βHSD1 in WT and Tg mice under HFD.

**HFD**

- **Tg WT**

- **Tg WT**

- **Tg Tg**

- **Tg Tg**

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* p < 0.05
** p < 0.01
*** p < 0.001
Figure 5

A

WT
Tg

SC

HFD

B

Distribution of adipocyte surface

\[\chi^2 p < 0.0001\]

\[\chi^2 p < 0.0001\]

Figure 5
Figure 4
Figure 3

A. Perirenal AT

B. Gonadal AT

C. Inguinal AT

D. Brown AT
Figure 2