

# Long-term pterostilbene supplementation of a high-fat diet increases Adiponectin expression in the subcutaneous white adipose tissue

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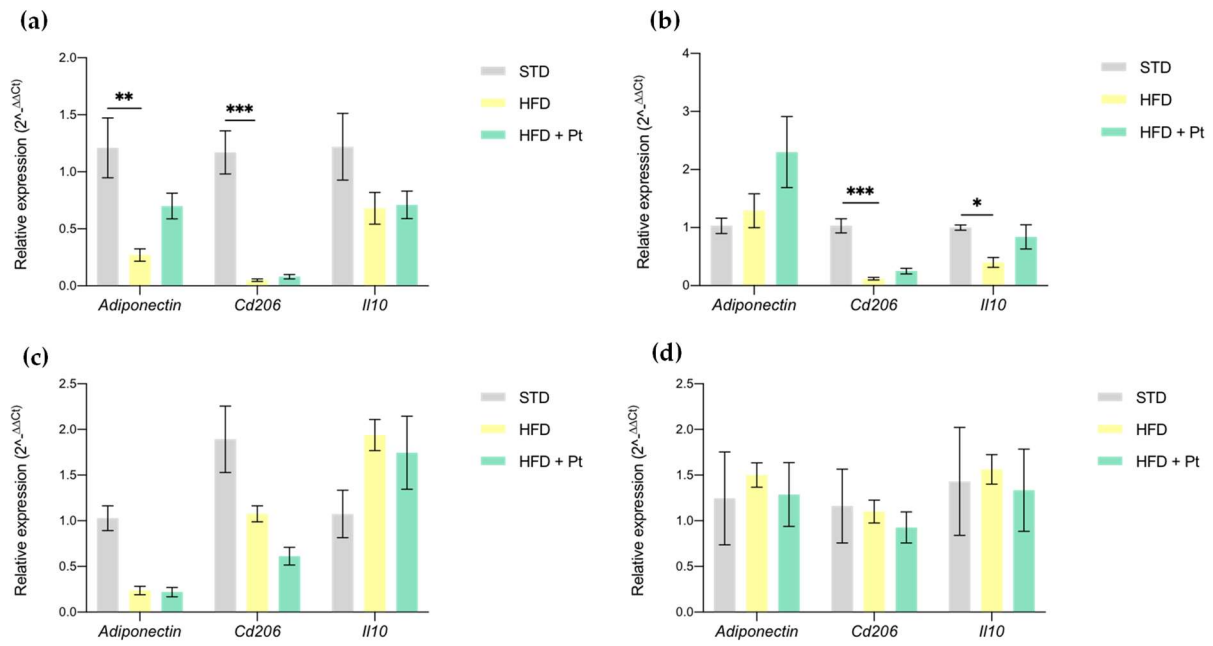
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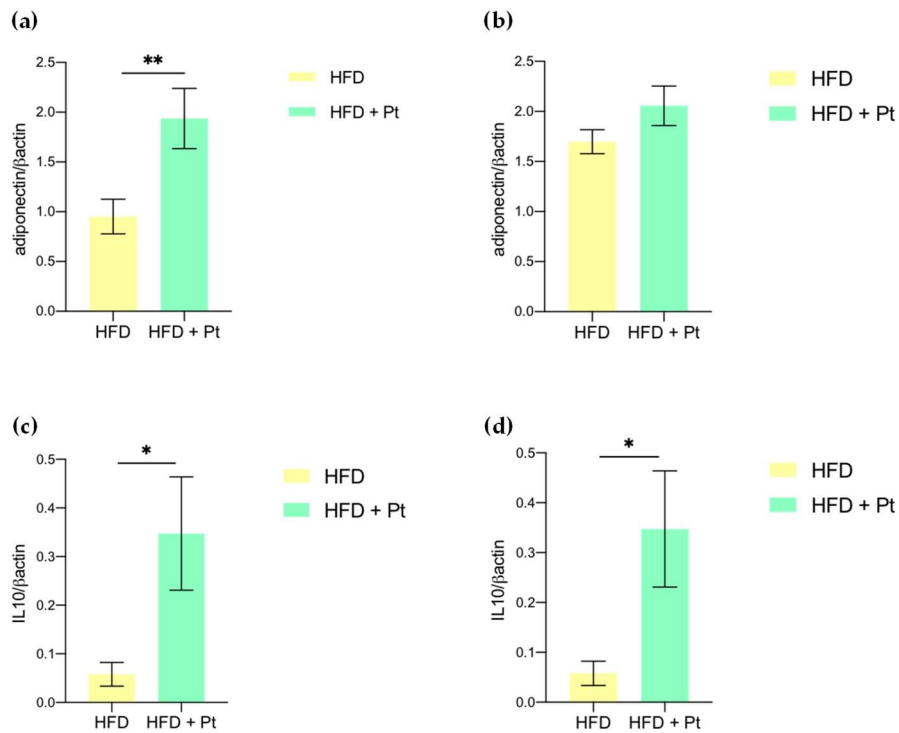
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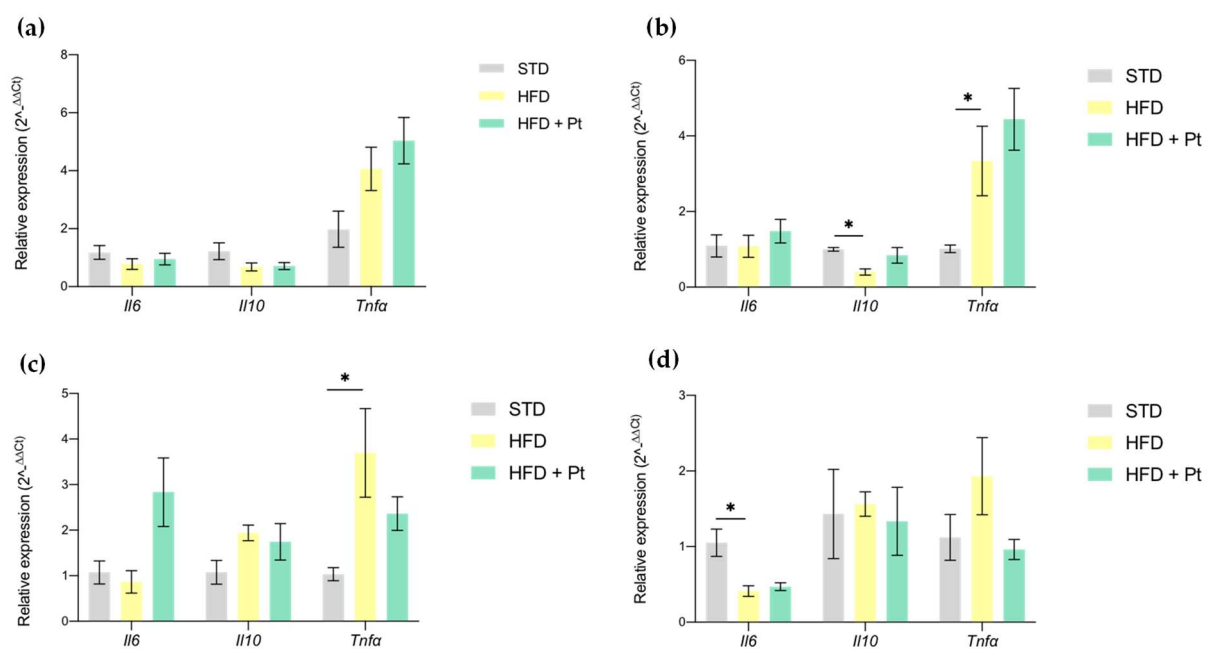
## Supplementary Data



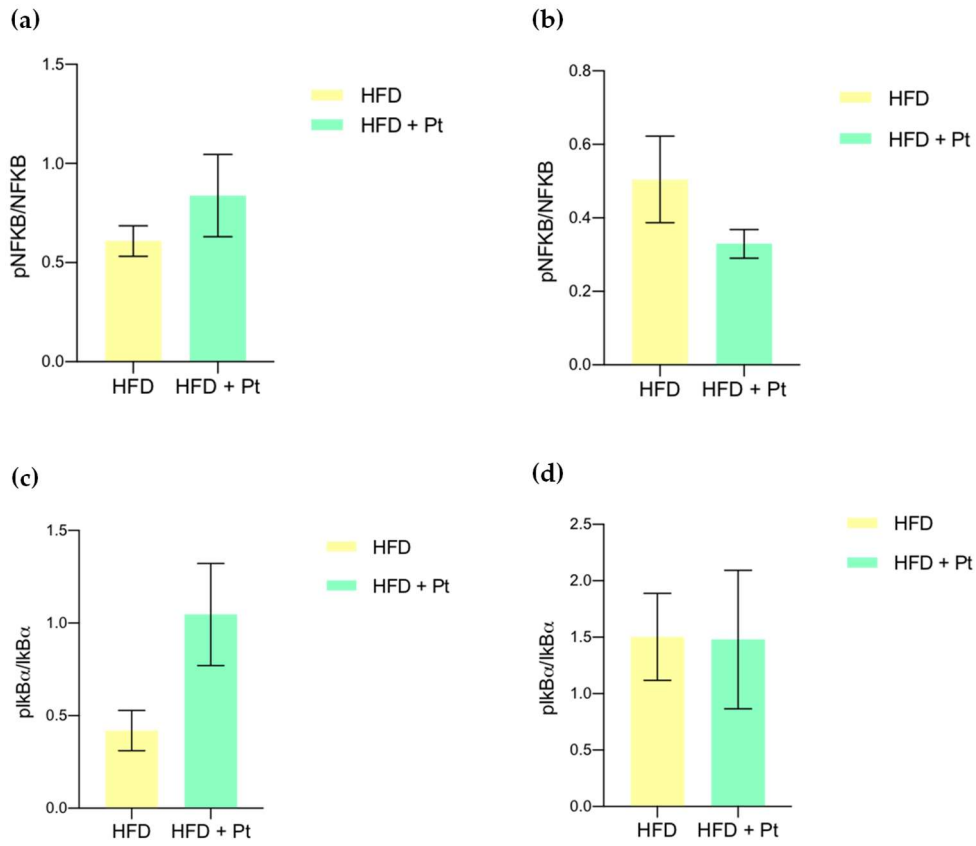
**Supplementary Figure S1.** Gene expression analysis of *Adiponectin*, *Cd206* and *Il10* in sWAT (a,b) and vWAT (c,d) from STD, HFD and HFD + Pt mice. Data from males (a,c) and females (b,d) were considered separately. Mean values  $\pm$  SEM are shown.  $N \geq 3$  for each condition.



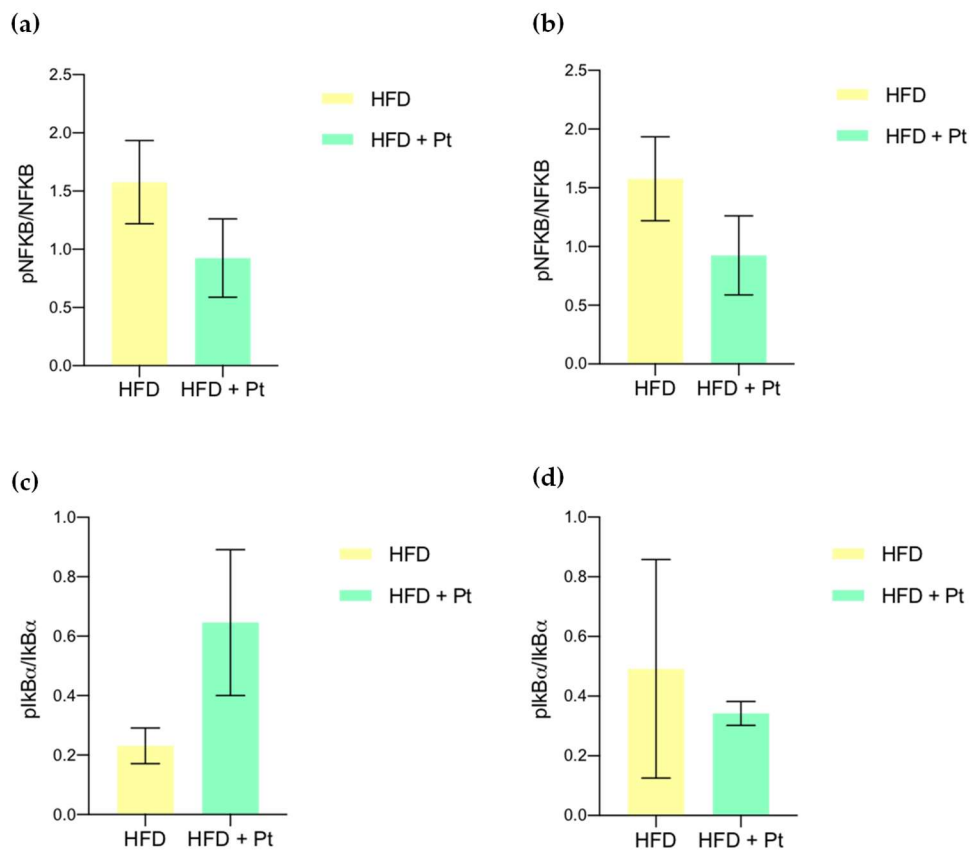
**Supplementary Figure S2.** Adiponectin and IL10 protein levels in sWAT from HFD and HFD + Pt mice. Western Blot quantification. Protein levels were normalized to  $\beta$ -actin. Data from males (a, c) and females (b, d) were considered separately. Mean values  $\pm$  SEM are shown,  $N \geq 4$  for each condition. Statistical analysis was performed using Mann-Whitney test.



**Supplementary Figure S3.** Gene expression analysis of *Il6*, *Il10* and *Tnfa* in sWAT (a,b) and vWAT (c,d) from STD, HFD and HFD + Pt mice. Data from males (a,c) and females (b,d) were considered separately. Mean values  $\pm$  SEM.  $N \geq 3$  for each condition.



**Supplementary Figure S4.** pNFkB and pIKB $\alpha$  protein levels in SWAT from HFD and HFD + Pt mice. Western Blot quantification. Protein levels were normalized to total NFkB and IKB $\alpha$ . Data from males (a,c) and females (b,d) were considered separately. Mean values  $\pm$  SEM.  $N \geq 3$  for each condition.



**Supplementary Figure S5.** pNFkB and pIKBα protein levels in vWAT from HFD and HFD + Pt mice. Western Blot quantification. Protein levels were normalized to total NFkB and IKBα. Data from males (**a,c**) and females (**b,d**) were considered separately. Mean values ± SEM. N ≥ 3 for each condition.