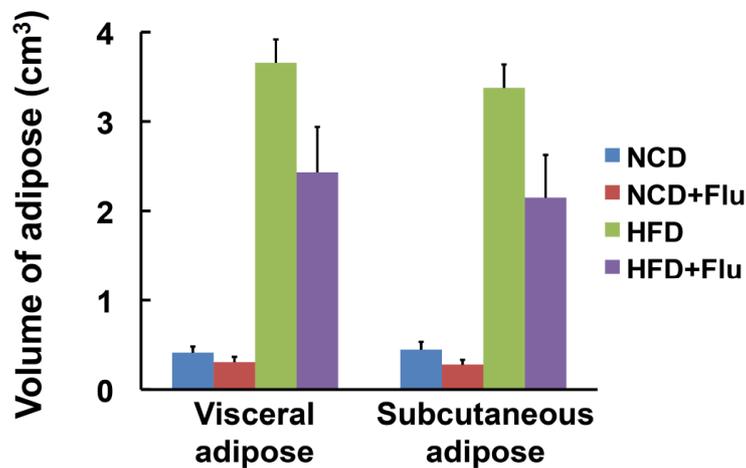


**Fig. S3 Effect of flurbiprofen on leptin-induced attenuation of food intake.**

ob/ob mice were treated with flurbiprofen (Flu) in combination with leptin once per day for 6 days and food intake was analyzed. Data were expressed as the total cumulative amount of food intake. Flurbiprofen significantly enhanced the effects of leptin on feeding reduction.  $**P < 0.01$  v.s. leptin-treatment alone. n=9-12.



**Fig. S4 CT scan analysis of adipose tissue of flurbiprofen-treated mice.**

Flurbiprofen similarly inhibited the high-fat diet-induced accumulation of visceral or subcutaneous adipose tissue. n=6-8 per group.