



SD 1, Chevrot et al.

SD Fig.1: Comparison of body composition, plasma insulin and preference for lipids in controls and mice chronically subjected to a High Fat High Sucrose- (HFHS) diet.

A- Evolution of body and fat mass in controls and obese mice. Means \pm SEM, (n=20). $P < 0.001$ (***)).

B- Plasma insulin levels in overnight fasted controls and obese mice. Means \pm SEM (n=20). $P < 0.05$ (*) and $P < 0.001$ (***)).

C- Long-term (12 h) two-bottle preference tests performed in control and obese mice. Animals were simultaneously subjected for 12 h to a control solution (0.3% Xanthan gum in water, w/v) and to a test solution containing rapeseed oil (0.02%, w/v, in the control solution). Xanthan gum was used to minimize textural cues and to emulsify rapeseed oil. Dotted line represents the absence of preference. Means \pm SEM (n=12), $P < 0.05$ (*).