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Sex Differences in the Control of Adipose Tissue Function

1. Sex-differential adaptation of adipose tissue upon glucocorticoid challenges likely underlies sex difference in adverse metabolic consequences (this thesis).
2. Sex difference in severity of glucocorticoid-induced insulin resistance in mice supports a sex-specific monitoring program for patients receiving glucocorticoid therapy (this thesis).
3. The sex-specific regulation of several genes by progesterone in the classical brown adipose tissue depot suggests roles of this sex steroid in controlling brown adipocyte activity (this thesis).
4. Sex difference in body composition is, but not solely, a factor underlying sex-biased thermal preference for humans (this thesis).
5. There is a reason why body fat is there and it is a reflection of your lifestyle (a quote by Jimmy Bell in White J, *NewScientist* 2012).
6. Understanding when and how the sexes are different is as important as understanding when and how they are the same, at the biological, social, and cultural level (McCarthy MM and Konkle AT, *Front Neuroendocrinol* 2005).
7. Fundamental knowledge of the human body is necessary for clinical application and for developing effective thinking skills necessary for successful clinical reasoning and decision making (Finnerty EP et al., *Acad Med* 2010).
8. Behavioral avoidance, not physiological adaptations, is an organism's primary response to an environmental challenge. This point is elementary, but it is by no means trivial (George A. Bartholomew, 1987).
9. The 'some' in '*Some Like It Hot*' refers to females (this thesis and a 1959 film directed by Billy Wilder).
10. Sometimes, time does not reveal an answer; it changes the question (Sarawut Hengsawad).
11. Different cultures produce a different 'cool', and your perception of 'cool' changes depending on where you are (Timothy L. McKenzie).

Kasiphak Kaikaew

Rotterdam, 11 March 2020