Effects of laboratory housing conditions on neurobiology of energy balance in mice

Karapetsas, Giorgio

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Stellingen
Behorend bij het Proefschrift

Effects of laboratory housing conditions on neurobiology of energy balance in mice

1) Animal models are indispensable to uncover the neurobiology of body weight regulation, appetite control, and the pathogenesis of obesity.

2) In the laboratory mouse, (early life) social and laboratory housing conditions exert a profound effect on growth, energy balance regulation, and metabolic health.

3) Sex-differences are important determinants of experimental outcomes in preclinical research.

4) The establishment of social hierarchy relationships should be carefully evaluated in group-housed rodents.

5) The field of ingestive behaviour in rodents can benefit considerably from the use of new technologies and algorithms.

6) There are in fact two things, science and opinion; the former begets knowledge, the latter ignorance – Hippocrates

7) It is not the strongest of the species that survives, not the most intelligent that survives. It is the one that is the most adaptable to change – Charles Darwin

Giorgio Karapetsas