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Some mathematical and technical issues in the measurement and interpretation of open-circuit indirect calorimetry in small animals

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200	Prevention of diet-induced obesity and impaired glucose tolerance in rats following administration of leptin to their mothers. <b>2007</b> , 292, R1810-8		60
199	Energetic costs of parasitism in the Cape ground squirrel <i>Xerus inauris</i> . <b>2007</b> , 274, 2169-77		59
198	Expression of neuromedin B in adipose tissue and its regulation by changes in energy balance. <b>2007</b> , 39, 199-210		20
197	Improved glucose tolerance in acyl CoA:diacylglycerol acyltransferase 1-null mice is dependent on diet. <b>2007</b> , 6, 2		11
196	Central neural and endocrine mechanisms of non-exercise activity thermogenesis and their potential impact on obesity. <b>2007</b> , 19, 923-40		50
195	Feeding behaviour in galanin knockout mice supports a role of galanin in fat intake and preference. <b>2008</b> , 20, 199-206		64
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192	Kv1.3 gene-targeted deletion alters longevity and reduces adiposity by increasing locomotion and metabolism in melanocortin-4 receptor-null mice. <i>International Journal of Obesity</i> , <b>2008</b> , 32, 1222-32	5.5	49
191	Estimating field metabolic rates of pinnipeds: doubly labelled water gets the seal of approval. <b>2008</b> , 22, 245-254		42
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5	Temperature determines the shift of thermal neutral zone and influences thermogenic capacity in striped hamsters.	0
4	Hypothalamic astrocytes control systemic glucose metabolism and energy balance. <b>2022</b> , 34, 1532-1547.e6	2

- 3 A long-term obesogenic high-fat diet in mice partially dampens the anti-frailty benefits of late-life intermittent fasting. ○
- 2 Interleukin 6 receptor is not directly involved in regulation of body weight in diet-induced obesity with and without physical exercise. 13, ○
- 1 Acute changes in systemic glycemia gate access and action of GLP-1R agonist on brain structures controlling energy homeostasis. **2022**, 41, 111698 ○