

Accepted Manuscript

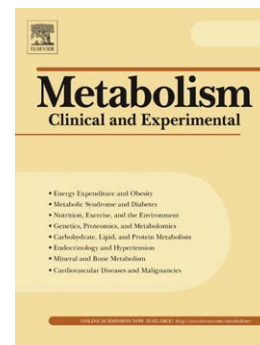
Melanocortin 4 Receptor is not Required for Estrogenic Regulations on Energy Homeostasis and Reproduction

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PII: S0026-0495(16)30182-2  
DOI: doi: [10.1016/j.metabol.2016.12.004](https://doi.org/10.1016/j.metabol.2016.12.004)  
Reference: YMETA 53502

To appear in: *Metabolism*

Received date: 21 October 2016  
Accepted date: 5 December 2016



Please cite this article as: Xu Pingwen, Zhu Liangru, Saito Kenji, Yang Yongjie, Wang Chunmei, He Yanlin, Yan Xiaofeng, Hyseni Ilirjana, Tong Qingchun, Xu Yong, Melanocortin 4 Receptor is not Required for Estrogenic Regulations on Energy Homeostasis and Reproduction, *Metabolism* (2016), doi: [10.1016/j.metabol.2016.12.004](https://doi.org/10.1016/j.metabol.2016.12.004)

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Reproduction**

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**Key terms:** Estrogen, MC4R, Energy homeostasis, Reproduction

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