CONTENTS

VOLUME 234  NUMBER 3

REVIEWS

STEAP4: its emerging role in metabolism and homeostasis of cellular iron and copper
Rachel T Scal, C Martin Lawrenz, Hannah M Gordon & Craig S Nunemaker
R123-R134

Pituitary stem cell regulation: who is pulling the strings?
Benoit Cox, Heleen Roose, Annelies Vennakes & Hugo Vankelecom
R135-R158

Improvement of obesity-linked skeletal muscle insulin resistance by strength and endurance training
Sergio Di Meo, Susanna Iossa & Paola Venditti
R159-R181

RESEARCH

The highly overlapping actions of Lh signaling and Fsh signaling on zebrafish spermatogenesis
Yuxin Xie, Lianhe Chu, Yun Liu, Kathy W Y Sham, Jianzhen Li & Christopher H K Cheng
233-246

HB-EGF regulates Prss56 expression during mouse decidualization via EGFR/ERK/EGR2 signaling pathway
Jie Liu, Fei Gao, Yue-Fang Liu, Hai-Ting Dou, Jia-Qi Yan, Zong-Min Fan & Zeng-Ming Yang
247-254

Metabolic and neuroprotective effects of dapagliflozin and liraglutide in diabetic mice
255-267

TNFRp55 deficiency promotes the development of ectopic endometriotic-like lesions in mice
Sandra Vallcaneras, Federica Gherna, Juan Bastón, María Bolín Delbosc, Gabriela Menesman & Martina Casais
269-278

Metabolic phenotype in the mouse model of osteogenesis imperfecta
Anthony M Belenchia, Sarah A Johnson, Mark R Ellersieck, Cheryl S Rosenfeld & Catherine A Peterson
279-289

Macrophage 11β-HSD-1 deficiency promotes inflammatory angiogenesis
Zhenqiang Zhang, Agnes E Coutinho, Tak Yang Man, Tina M J Kipari, Patrick W F Hadoke, Donald M Salter, Jonathan R Seckl & Karen E Chapman
291-299

In utero vitamin D deficiency predisposes offspring to long-term adverse adipose tissue effects
Anthony M Belenchia, Sarah A Johnson, Mark R Ellersieck, Cheryl S Rosenfeld & Catherine A Peterson
301-313
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**THIS ISSUE’S COVER**

The image depicts a hypothetical model of circadian oscillator entrainment by light and hormonal inputs in fishes. The core loop is thought to be synchronised by exogenous (light) or endogenous (hormone) temporal messengers through the induction or repression of specific clock genes. Only the putative response elements involved in each response (light, cortisol or ghrelin) are shown. To simplify the figure, cytoplasmic and nucleic events are shown together. From Isorna et al. 232 R141–R159.

Credit: E. Isorna, N de Pedro, A. Valenciano, A.I. Alonso-Gómez & M.J. Delgado (Universidad Complutense de Madrid, Spain)