FOCUSED REVIEW
Reversal of fortune: estrogen receptor-β in endometriosis
Rosalia C M Simmen & Angela S Kelley
F23–F27

REVIEW
CRISPR/Cas9: a breakthrough in generating mouse models for endocrinologists
Suzy Markossian & Frédéric Flamant
R81–R92

RESEARCH
Pro-inflammatory signaling by 24,25-dihydroxyvitamin D3 in HepG2 cells
Kent Wehmeier, Luisa M Onstead-Haas, Norman C W Wong, Archag D Mooradian & Michael J Haas
87–96
The Society for Endocrinology is one of the world’s leading authorities on hormones.

Established in 1946, the Society’s aims are to support the advancement of scientific and clinical knowledge and increase research in endocrinology for the public benefit. It also plays a vital role in promoting and supporting endocrinology worldwide.

The Society for Endocrinology offers a range of journals including *Journal of Endocrinology*, *Journal of Molecular Endocrinology*, *Endocrine-Related Cancer*, *Endocrine Connections* (open access) and *Clinical Endocrinology*.

For more information visit [www.endocrinology.org](http://www.endocrinology.org)

---

**COVER ART COMPETITION**

Readers are invited to submit their endocrinology images for entry into the *Journal of Molecular Endocrinology* cover art competition. Winners will be selected by the Editor-in-Chief and will have their imagery featured on the cover of an issue of *Journal of Molecular Endocrinology*, both in print and online. Winners will be cited in the journal and will receive a professionally printed copy of the journal cover featuring their scientific image.

To enter the competition please email your images to jme@endocrinology.org accompanied with a short caption of 25-30 words explaining what the image depicts, its magnification and who should be acknowledged for its production. Images should be of high quality and resolution of at least 300 dpi at the final published size 220 mm (W) × 100 mm (H).

By submitting an image you warrant that you own the copyright and agree that images may be used in promotional material. Images not selected for use may still be used by the Society for Endocrinology and Bioscientifica for promotional purposes.

---

**THIS ISSUE’S COVER**

The images depict ultrastructural changes in rat granulosa cells in response to follicle stimulating hormone (FSH) and testosterone. Control (a), testosterone (b), FSH (c) and testosterone and FSH (d). N, nucleus; M, mitochondria; GC, Golgi complex; RER, rough endoplasmic reticulum; SER, smooth endoplasmic reticulum; C, centriole; LD, lipid droplets. From Chowdhury et al. 56:325–336.

Credit: Chowdhury I, Thomas K, Thompson WE (Morehouse School of Medicine, Atlanta, GA, USA), and Zeleznik A (University of Pittsburgh, Pittsburgh, PA, USA)