

# MOLECULAR ENDOCRINOLOGY

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**COVER:** The *top panels* show principal components analysis (PCA) scores plots of component 1 vs. component 2 comparing: untreated and Wy-14,643 (Wy)-treated wild-type (+/+) and *Ppara*-null (-/-) mice (*left panel*), and component 1 vs. component 2 comparing untreated (+/+) and (-/-) mice (*right panel*). The biomarkers derived from this analysis reflect both positive activation of PPAR $\alpha$  target genes (*bottom right*) and indirect negative gene regulation by PPAR $\alpha$  through modulation of HNF4 $\alpha$  levels (*bottom left*). Details are provided in the text. From the article by Zhen *et al.*, in this issue, pages 2136-2151.

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The editors would also like to acknowledge the design for our page ender which appears at the end of each article. The symbol represents interaction between ligand, receptor, and DNA. It evolved from an original concept designed by Lois B. Thompson for MOLECULAR ENDOCRINOLOGY.