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 Palmiero Monteleone, Cristina Serritella, Vassilis Martiadis, Pasquale Scognamiglio, and Mario Maj
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Sophie Catteau-Jonard, Soazik P. Jamin, Arnaud Leclerc, Jacques Gonzales, Didier Dewailly, and Nathalie di Clemente
Using quantitative reverse transcriptase polymerase chain reaction, it is shown that anti-Müllerian hormone (AMH), AMH receptor type II, FSH receptor, and androgen receptor genes are overexpressed by granulosa cells from stimulated follicles in women with polycystic ovary syndrome undergoing controlled ovarian hyperstimulation.
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- 4471 **Estradiol Supplementation in Postmenopausal Women Attenuates Suppression of Pulsatile Growth Hormone Secretion by Recombinant Human Insulin-like Growth Factor Type I**
Johannes D. Veldhuis, Daniel M. Keenan, Joy N. Bailey, Adenborduin Adeniji, John M. Miles, Remberto Paulo, Mihaela Cosma, and Cacia Soares-Welch
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- 4494 **Mutations in the Amino-Terminal Region of Proopiomelanocortin (POMC) in Patients with Early-Onset Obesity Impair POMC Sorting to the Regulated Secretory Pathway**
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Two novel mutations in the pro-opiomelanocortin (POMC) gene have been identified in patients with severe early-onset obesity. Both mutations lie in a region of the N-terminus of POMC gene and result in impaired sorting to the regulated secretory pathway.
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José A. Horcajadas, Pablo Mínguez, Joaquín Dopazo, Francisco J. Esteban, Francisco Domínguez, Linda C. Giudice, Antonio Pellicer, and Carlos Simón
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 Jeniel Parmar, Rebecca E. Key, and William E. Rainey
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 SoJung Lee and Silva A. Arslanian
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THE HORMONE FOUNDATION

Patient Guide on Type 2 Diabetes Screening
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The biological connections among human endometrial delayed genes at the day of embryonic implantation in controlled ovarian stimulated cycles compared to natural cycles by String (<http://string.embl.de/>) reveal that VEGF is a central target. In comparing the endometrial transcriptomics in natural versus controlled ovarian stimulated cycles during the early-mid secretory phase with microarray technology, we have observed a two-day functional genomic delay in the activation and/or repression of two clusters composed by 218 and 133 endometrial genes on the day that the embryo implants. From the article by Horcajadas *et al.*, in this issue, pages 4500–4510.