
Contents by Category

Embryo

- 324 Analysis of Transcription Factor AP-2 Expression and Function During Mouse Preimplantation Development. *Quinton Winger, Jian Huang, Heidi J. Auman, Mark Lewandoski, and Trevor Williams*

Female Reproductive Tract

- 334 Regulation of the Stimulant Actions of Neurokinin A and Human Hemokinin-1 on the Human Uterus: A Comparison with Histamine. *Jocelyn N. Pennefather, Eva Patak, Sebastian Ziccone, Alison Lilley, Francisco M. Pinto, Nigel M. Page, Margot E. Story, Sonia Grover, and M. Luz Candenas*
- 370 Testosterone Stimulates Growth and Secretory Activity of the Female Prostate in the Adult Gerbil (*Meriones unguiculatus*). *Fernanda C.A. Santos, Rodrigo P. Leite, Ana M.G. Custódio, Karina P. Carvalho, Luiz H. Monteiro-Leal, Adriana B. Santos, Rejane M. Góes, Hernandes F. Carvalho, and Sebastião R. Taboga*
- 387 ECC-1 Cells: A Well-Differentiated Steroid-Responsive Endometrial Cell Line with Characteristics of Luminal Epithelium. *Bilan Mo, Aleksandr E. Vendrov, Wilder A. Palomino, Barbara R. DuPont, K.B.C. Apparao, and Bruce A. Lessey*
- 477 Effects of High-Dose Soy Isoflavones and Equol on Reproductive Tissues in Female Cynomolgus Monkeys. *Charles E. Wood, Susan E. Appt, Thomas B. Clarkson, Adrian A. Franke, Cynthia J. Lees, Daniel R. Doerge, and J. Mark Cline*

Gamete Biology

- 308 Na⁺/K⁺ATPase as a Signaling Molecule During Bovine Sperm Capacitation. *Jacob C. Thundathil, Muhammad Anzar, and Mary M. Buhr*
- 318 A Developmental Switch in Transcription Factor Isoforms During Spermatogenesis Controlled by Alternative Messenger RNA 3'-End Formation. *Hang Wang, Becky L. Sartini, Clarke F. Millette, and Daniel L. Kilpatrick*

Male Reproductive Tract

- 407 Cellular Mechanisms of Carbachol-Stimulated Cl⁻ Secretion in Rat Epididymal Epithelium. *Jian-Yang Du, Ye-Chun Ruan, Wu-Lin Zuo, Zi-Huan Yang, Min-Hui Chen, Zhong-Luan Wu, Hui Xiang, and Wen-Liang Zhou*
- 462 Identification and Characterization of Novel and Unknown Mouse Epididymis-Specific Genes by Complementary DNA Microarray Technology. *Koji Yamazaki, Tetsuya Adachi, Koji Sato, Yuta Yanagisawa, Hideki Fukata, Naohiko Seki, Chisato Mori, and Masatoshi Komiyama*

Mechanisms of Hormone Action

- 342 Metformin-Induced Stimulation of Adenosine 5' Monophosphate-Activated Protein Kinase (PRKA) Impairs Progesterone Secretion in Rat Granulosa Cells. *Lucie Tosca, Patricia Solnais, Pascal Ferré, Fabienne Fougelle, and Joëlle Dupont*

Neuroendocrinology

- 469 Sex Differences and the Development of the Rabbit Brain: Effects of Vinclozolin. *Erin S. Bisenius, D.N. Rao Veeramachaneni, Ginger E. Sammonds, and Stuart Tobet*

Ovary

- 421 KIT/KIT Ligand in Mammalian Oogenesis and Folliculogenesis: Roles in Rabbit and Murine Ovarian Follicle Activation and Oocyte Growth. *Karla J. Hutt, Eileen A. McLaughlin, and Michael K. Holland*
- 434 Effect of a Vascular Endothelial Growth Factor (VEGF) Inhibitory Treatment on the Folliculogenesis and Ovarian Apoptosis in Gonadotropin-Treated Prepubertal Rats. *Dalhia Abramovich, Fernanda Parborell, and Marta Tesone*

Pregnancy

- 395 Demonstration of Ubiquitin Thiolester Formation of UBE2Q2 (UBC1), a Novel Ubiquitin-Conjugating Enzyme with Implantation Site-Specific Expression. *Michael H. Melner, Arthur L. Haas, Jennifer M. Klein, Alan R. Brash, William E. Boeglin, Subir K. NagDas, Virginia P. Winfrey, and Gary E. Olson*
- 414 Proteomic Analysis on the Alteration of Protein Expression in the Placental Villous Tissue of Early Pregnancy Loss. *Ai-Xia Liu, Fan Jin, Wu-Wen Zhang, Tian-Hua Zhou, Cai-Yun Zhou, Wei-Miao Yao, Yu-Li Qian, and He-Feng Huang*
- 452 Expression of RND Proteins in Human Myometrium. *J. Lartey, A. Gampel, J. Pawade, H. Mellor, and A. López Bernal*

Reproductive Technology

- 380 A Testis-Mediated Germline Chimera Production Based on Transfer of Chicken Testicular Cells Directly into Heterologous Testes. *Young Mok Lee, Jin Gyoung Jung, Jin Nam Kim, Tae Sub Park, Tae Min Kim, Sang Su Shin, Dae Kyung Kang, Jeong Mook Lim, and Jae Yong Han*
- 442 Sperm Chromatin Remodeling after Intracytoplasmic Sperm Injection Differs from That of In Vitro Fertilization. *Anna Ajduk, Yasuhiro Yamauchi, and Monika A. Ward*

Testis

- 352 PSPC1, NONO, and SFPQ Are Expressed in Mouse Sertoli Cells and May Function as Coregulators of Androgen Receptor-Mediated Transcription. *Sho Kuwahara, Asako Ikei, Yusuke Taguchi, Yoshiaki Tabuchi, Nariaki Fujimoto, Masuo Obinata, Seiichi Uesugi, and Yasuyuki Kurihara*

Toxicology

- 360 Regulation of Aryl Hydrocarbon Receptor Expression in Rat Granulosa Cells. *Ursula A. Bussmann, and J. Lino Baraño360*