

CONTENTS

REVIEW: Environmental Erectile Dysfunction: Can the Environment Really Be Hazardous to Your Erectile Health? / A. L. Burnett	229
REVIEW: De Graaf's Thread: The Human Epididymis / T. T. Turner	237
REVIEW: The Metabolic Syndrome and Male Infertility / S. S. Kasturi, J. Tannir, R. E. Brannigan	251
Pharmacokinetics and Pharmacodynamics of Oral Testosterone Enanthate Plus Dutasteride for 4 Weeks in Normal Men: Implications for Male Hormonal Contraception / J. K. Amory, T. F. Kalthorn, S. T. Page	260
Equatorial Segment Protein (ESP) Is a Human Alloantigen Involved in Sperm-Egg Binding and Fusion / M. J. Wolkowicz, L. Digilio, K. Klotz, J. Shetty, C. J. Flickinger, J. C. Herr	272
Cryopreservation of Rhesus Monkey (<i>Macaca mulatta</i>) Epididymal Spermatozoa Before and After Refrigerated Storage / Q. Dong, S. E. Rodenburg, C. Huang, C. A. Vandervoort	283
Mono-(2-ethylhexyl) Phthalate Increases Spermatoocyte Mitochondrial Peroxiredoxin 3 and Cyclooxygenase 2 / T. M. Onorato, P. W. Brown, P. L. Morris	293
Gestational Exposure to Atrazine: Effects on the Postnatal Development of Male Offspring / B. G. Rosenberg, H. Chen, J. Folmer, J. Liu, V. Papadopoulos, B. R. Zirkin	304
Coculture of Spermatogonia With Somatic Cells in a Novel Three-Dimensional Soft-Agar-Culture-System / J.-B. Stukenborg, J. Wistuba, C. M. Luetjens, M. A. Elhija, M. Huleihel, E. Lunenfeld, J. Gromoll, E. Nieschlag, S. Schlatt	312
Beta-Microseminoprotein in Serum Correlates With the Levels in Seminal Plasma of Young, Healthy Males / C. Valtonen-André, C. Säyblom, P. Fernlund, H. Lilja, A. Giwercman, Å. Lundwall	330
Phosphorylation of Mitogen-Activated Protein Kinase 8 (MAPK8) Is Associated With Germ Cell Apoptosis and Redistribution of the Bcl2-Modifying Factor (BMF) / M. D. Show, C. M. Hill, M. D. Anway, W. W. Wright, B. R. Zirkin	338
Inhibition of 11β-Hydroxysteroid Dehydrogenase Enzymatic Activities by Glycyrrhetic Acid In Vivo Supports Direct Glucocorticoid-Mediated Suppression of Steroidogenesis in Leydig Cells / G.-X. Hu, H. Lin, C. M. Sottas, D. J. Morris, M. P. Hardy, R.-S. Ge	345
Altered Expression of Muscle- and Cytoskeleton-Related Genes in a Rat Strain With Inherited Cryptorchidism / J. S. Barthold, S. M. McCahan, A. V. Singh, T. B. Knudsen, X. Si, L. Champion, R. E. Akins	352

Erratum	367
Retraction	368

ONLINE ONLY

(Articles with an “e” preceding the page number can be found on the JAndrol website at www.andrologyjournal.org.)

Androlog Summary: Cryopreservation of Sperm After Chemotherapy /
R. E. Brannigan, J. I. Sandlow e1

Cover: *Expression of Bcl2-modifying factor (BMF; green) in a stage VI seminiferous tubule. DNA (blue) has been stained with 4,6 diamidino-2-phenylindole (DAPI). See Show et al on p. 338.*

Information for Authors

For author instructions and forms, visit the *Journal of Andrology* website at <http://www.andrologyjournal.org/>

Information for Members or Prospective Members

For information about American Society of Andrology membership benefits, visit <http://www.andrologysociety.com>

Information for Advertisers

For information about placing your message in an upcoming issue or in an online banner, contact

Venessa Stampnick, Journal Advertising

Two Woodfield Lake

1100 East Woodfield Road, Ste. 520 Schaumburg, IL 60173

Phone: 847.619.4909

Fax: 847.517.7229

E-mail: Venessa@wjweiser.com