

JOURNAL OF ANDROLOGY

Volume 17

MAY/JUNE 1996

Number 3

CONTENTS

MINIREVIEW: Inhibin in the Male / D. M. de Kretser, J. R. McFarlane	179
MINIREVIEW: How Does Poor Motility Alter Sperm Fertilizing Ability? / P. Olds-Clarke	183
Difference in Glycohistochemical Lectin Staining of Collagen Fibers in the Corpora Cavernosa of Normal and Impotent Men / G. Raviv, E. Wespes, J. P. Vanegas, M. Petein, C. C. Schulman, R. Kiss, A. Danguy	187
Androgen Regulation of Molecular Forms of β-D-Glucuronidase in the Mouse Epididymis: Comparison With Liver and Kidney / A. Abou-Haila, D. R. P. Tulsiani, M. D. Skudlarek, M.-C. Orgebin-Crist	194
Apical and Narrow Cells Are Distinct Cell Types Differing in Their Structure, Distribution, and Functions in the Adult Rat Epididymis / H. I. Adamali, L. Hermo	208
The Neural Cell Adhesion Molecule (NCAM) Provides Clues to the Development of Testicular Leydig Cells / A. Mayerhofer, G. Lahr, K. Seidl, B. Eusterschulte, A. Christoph, M. Gratzl	223
Increased Proliferation of Leydig Cells Induced by Neonatal Hypothyroidism in the Rat / M. P. Hardy, R. S. Sharma, N. K. Arambepola, C. M. Sottas, L. D. Russell, D. Bunick, R. A. Hess, P. S. Cooke	231
Testicular Microvascular Blood Flow: Alteration After Leydig Cell Eradication and Ischemia but not Experimental Varicocele / T. T. Turner, L. Caplis, D. W. Miller	239
Effect of Chloroquine on the Formation of Tight Junctions in Cultured Immature Rat Sertoli Cells / A. Okanlawon, M. Dym	249
Developmental Expression of Glutathione Peroxidase, Catalase, and Manganese Superoxide Dismutase mRNAs During Spermatogenesis in the Mouse / W. Gu, N. B. Hecht	256
Purification, cDNA Cloning, and Developmental Changes in the Steady-State mRNA Level of Rat Testicular Tissue Inhibitor of Metalloproteases-2 (TIMP-2) / J. Grima, K. Calcagno, C. Yan Cheng	263
Development of an Image Analysis System to Monitor the Retention of Residual Cytoplasm by Human Spermatozoa: Correlation With Biochemical Markers of the Cytoplasmic Space, Oxidative Stress, and Sperm Function / E. Gomez, D. W. Buckingham, J. Brindle, F. Lanzafame, D. S. Irvine, R. J. Aitken	276

Evaluation of Computer-Assisted Semen Analysis (CASA) With IDENT Stain to Determine Sperm Concentration / M. J. Zinaman, M. L. Uhler, E. Vertuno, S. G. Fisher, E. D. Clegg	288
Media and Dilution Procedures Tested to Minimize Handling Effects on Human, Rabbit, and Bull Sperm for Computer-Assisted Sperm Analysis (CASA) / P. B. Farrell, R. H. Foote, M. M. McArdle, V. L. Trouern-Trend, A. L. Tardif	293
Testicular Composition, Number of A Spermatogonia, Germ Cell Ratios, and Number of Spermatids in Three Different Breeds of Boars / O. E. Okwun, G. Igboeli, D. D. Lunstra, J. J. Ford, L. Johnson	301
Seminal Fluid Findings in Men With Nonbacterial Prostatitis and Prostatodynia / J. N. Krieger, R. E. Berger, S. O. Ross, I. Rothman, C. H. Muller	310
American Society of Andrology News	
Nominations for 1997 Awards	309
Solicitations for Nominations	319
<i>Handbook of Andrology</i>	320
Announcements	
Andrology Meetings	321
Call for Abstracts	322

Cover: This figure illustrates the interrelationships at the sites of production of the inhibin family of proteins and serves to remind the reader that these proteins exert autocrine, paracrine, and endocrine actions. N = nucleus. (See article by de Kretser and McFarlane.)