

Journal of Andrology

VOLUME 5 NUMBER 5
SEPTEMBER/OCTOBER 1984

CONTENTS

- Fibroblast Androgen Receptors in Patients with Genitourinary Anomalies**
Charles Eil, John D. Crawford, Patricia K. Donahoe, Roger E. Johnsonbaugh,
and D. Lynn Loriaux 313
- Analysis of Human Sperm Function Following Exposure to the Ionophore A23187: Comparison of Normospermic and Oligozoospermic Men**
R. John Aitken, Alan Ross, Tim Hargreave, David Richardson, and Fiona Best 321
- Monolateral Tubulovasostomy: Report of Four Cases**
E. Belgrano, P. Puppo, C. Trombetta, and P. Pittaluga 330
- Squash Preparation Studies of Germ Cells in Human Fetal Testes**
Eric L. Sun and Bernard Gondos 334
- The Role of Endogenous Opioid Peptides in the Control of Androgen Levels in the Male Nonhuman Primate**
Pamela M. Gilbeau, Ramona G. Almirez, John W. Holaday, and Carol Grace Smith 339
- Fetal Irradiation Increases Androgen Production by Dispersed Leydig Cells of the Rat**
Gwenderlyn F. Jansz and David K. Pomerantz 344
- Protein Secretion by the Rat Epididymis Can Be Selectively Modified *In Vitro* by Local Anesthetics, Glucose Deprivation, Dinitrophenol, Ouabain, and Ionophores**
David E. Brooks 351
- Bovine Sperm Adenylate Cyclase: Inhibition by Adenosine and Adenosine Analogs**
Meredith A. Brown and Edmund R. Casillas 361
- The Effects of Ethylene Glycol Monomethyl Ether on Testicular Histology in F344 Rats**
Robert E. Chapin, Sandra L. Dutton, Monica D. Ross, Billie M. Sumrell, and James C. Lamb, IV 369
- Effects of Long- and Short-term Vasectomy on Structural and Functional Parameters of the Rat**
Roman J. Miller, Gary J. Killian, and Peter Vasilenko, III 381
- Announcements** 320, 329, 333, 380