

---

Journal of  
**Andrology**

---

VOLUME 8 NUMBER 1

JANUARY/FEBRUARY 1987

---

## CONTENTS

<b>Pituitary-Gonadal Function in Adult Male Rats Subjected to Chronic Water Restriction</b>	Antonio Armario, Lluís Campmany, and Asuncion Lopez-Calderon	1
<b>Characterization of <math>\beta</math>-Adrenergic Receptors in Dispersed Rat Testicular Interstitial Cells</b>	P. Poyet and F. Labrie	7
<b>Biochemical Studies of Metalloendoprotease Activity in the Spermatozoa of Three Mammalian Species</b>	Wayne Gottlieb and Stanley Meizel	14
<b>Improvement in the Quality and Fertilization Potential of a Human Sperm Population Using the Rise Technique</b>	Lonnie D. Russell and B. Jane Rogers	25
<b>Nitrocellulose and Polyvinyl Coatings Prevent Sperm Adhesion to Glass Without Affecting the Motility of Intact and Demembrated Human Spermatozoa</b>	Christine Chapeau and Claude Gagnon	34
<b>Cryosurvival of Human Spermatozoa Frozen in Eight Different Buffer Systems</b>	Louise Weidel and Gail S. Prins	41
<b>Correlation Between <i>In Vitro</i> Fertilization and Human Sperm Density and Motility</b>	Jan Gerris and Iqbal Khan	48
<b>Hypogonadotropic Hypogonadism and Anosmia (Kallmann's Syndrome) Associated with a Marker Chromosome</b>	Richard W. Bergstrom, Kathryn L. Hansen, Charlotte N. Clare, and Michael S. Katz	55
<b>Announcements</b>	6, 13, 24, 33, 47, 54, S-31	
<b>Symposium on the Development of a Drug: LHRH Agonists</b>	Brian H. Vickery, Guest Editor	S-1
<b>American Society of Andrology 12th Annual Meeting</b>		P-1-P-48
<b>General Information</b>		P-3
<b>Awards</b>		P-4
<b>Special Events</b>		P-5
<b>Postgraduate Course</b>		P-7
<b>Schedule of Events</b>		P-8
<b>Index to Authors of Abstracts</b>		P-15
<b>Abstracts</b>		P-17
<b>Membership Application</b>		P-48

Please bring the program with you to the Annual Meeting