

# AMERICAN SOCIETY OF ANDROLOGY (ASA) NEWS

## FUTURE ANNUAL MEETINGS OF THE AMERICAN SOCIETY OF ANDROLOGY

**April 11–13, 1999**

**Louisville, Kentucky, USA**

24th Annual Meeting of the American Society of Andrology and Postgraduate Course

Contact: ASA Executive Offices  
74 New Montgomery, Ste. 230, San Francisco, California 94105  
Phone: (415) 764-4823; fax: (415) 764-4915;  
e-mail: asa@hp-assoc.com

*Testis Workshop: April 7–10*

Contact: Leslie Nies, Sero Symposia USA  
100 Longwater Circle, Norwell, Massachusetts 02061  
Phone: (800) 283-8088; fax: (617) 982-9481

*Postgraduate Course: April 10*

*Andrology Laboratory Workshop: April 13*

**April 9–11, 2000**

**Boston, Massachusetts, USA**

25th Annual Meeting of the American Society of Andrology and Postgraduate Course

*Postgraduate Course: April 8*

*Andrology Laboratory Workshop: April 7*

**June 15–19, 2001**

**Montreal, Quebec, Canada**

VII International Congress of the International Society of Andrology, hosted by the  
American Society of Andrology, and the 26th Annual Meeting of  
the American Society of Andrology

**2002**

**Seattle, Washington, USA**

27th Annual Meeting of the American Society of Andrology and Postgraduate Course

**2003**

**New York, New York, USA**

28th Annual Meeting of the American Society of Andrology and Postgraduate Course

### Corporate Sponsorship

#### **Gold Club**

*A minimum \$10,000 contribution to an ASA endowment fund.*

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# HANDBOOK OF ANDROLOGY



The American Society of Andrology

## Contemporary, significant education in the male reproductive system

### Guest Editors:

**Bernard Robaire, Ph.D.,**

**Jon L. Pryor, M.D., and**

**Jacquetta M. Trasler, M.D., Ph.D.**

The American Society of Andrology proudly makes available the Handbook of Andrology for purchase. This 83-page softbound handbook presents in a very clear fashion the basic science and clinical aspects of the male reproductive system. This handbook is recommended for students to senior faculty members and basic scientists to clinicians who want a tour of the andrological system. The editors have carefully selected world-renowned faculty who have written short chapters in an easy to read style and with vivid illustrations to make this handbook a pleasure to read.

**Contributors:** Nancy Alexander, Ph.D.; Rupert Amann, Ph.D.; Andrzej Bartke, Ph.D.; Gabriel Bialy, Ph.D.; Marc Blackman, M.D.; Runa Brinkmann, M.D.; Terry Brown, Ph.D.; Reginald Bruskewitz, M.D.; Yves Clermont, Ph.D.; Donald Coffey, Ph.D.; Richard Fayer-Hosken, BVS, Ph.D.; Michael Griswold, Ph.D.; Barbara Hales, Ph.D.; S. Mitchell Harman, M.D., Ph.D.; Louis Hermon, Ph.D.; Barry Hinton, Ph.D.; Mort Jonler, M.D.; David Katz, Ph.D.; Ronald Lewis, M.D.; Claude Midgeon, M.D.; Diana Myles, Ph.D.; Clau Nagamine, Ph.D.; Joseph Oesterling, M.D.; Jon Pryor, M.D.; Bernard Robaire, Ph.D.; Kenneth Rober, Ph.D.; Susan Rothmann, Ph.D.; Peter Schlegel, M.D.; Richard Sherins, M.D.; Donald Tindall, Ph.D.; Phil Troen, M.D.; Christina Wang, M.D.; and Barry Zirkin, Ph.D.

### Selected Topics Include:

Reproductive anatomy

Hypothalamo-pituitary-testicular axis

Hormone receptors and signal transduction

Anatomy and physiology of the prostate

Clinical evaluation and treatment of the infertile male

Fertility assessment in domestic animals

Evaluation and treatment of erectile dysfunction

Physiology of the epididymis

Androgen insensitivity

Andropause

Sperm banking

BPH

Prostate Cancer

Gonadotoxins

**To Order:** This handbook can be received free for joining the American Society of Andrology or it can be purchased for \$10.00 payable in U.S. funds drawn from a U.S. bank (includes shipping). Send requests for membership or check or money order to Sarah Morisseau, Administrative Manager, American Society of Andrology, 74 New Montgomery, Suite 230; San Francisco, CA 94105.

**TRAINING PROGRAM IN ANDROLOGY AND MALE & FEMALE INFERTILITY**  
**Center for Advanced Research in Human Reproduction & Infertility**  
**Departments of Urology, Gynecology, and Obstetrics**

The Cleveland Clinic Foundation is inviting applications from persons interested in advanced training in areas of male or female infertility. The training is designed for residents, clinicians, ART personnel, and scientists with background and interest in the field of Reproductive Medicine. Selected candidates will get an opportunity for:

- Learn treatment options in male and female infertility by informal discussions and observation of medical and surgical care of patients
- Hands-on training in various routine and advanced laboratory tests in Andrology
- Learn basic and clinical research techniques in the areas of Male and Female Infertility
- Participate in regular grandrounds, journal club, inservice seminars, and research meetings
- Laboratory training in microsurgery (optional) is available to trained urologists and gynecologists

Four to six weeks training is available. Training will continue on a year-round basis and the number of available positions each quarter is limited to one. Fellowship support of up to 4-8 weeks is available only for International Physicians. This support is limited and will be provided on a competitive basis by the Cleveland Clinic International Center.

The Center also offers long-term research opportunities (one to three years) to candidates registered with their parent institution or medical schools for a Master's or PhD degree. Candidates can select The Cleveland Clinic Foundation for their research studies requirement.

The training faculty includes the following staff from the Department of Urology: Anthony J. Thomas, Jr., MD, Head, Section of Male Infertility; Ashok Agarwal, PhD, Director, Andrology Research & Clinical Laboratories and Assistant Director, Reproductive-Endocrine Research Laboratory; Rakesh Sharma, PhD, Project Staff, Center for Reproduction; and, from the Department of Gynecology and Obstetrics, Tommaso Falcone, MD, Head, Section of Reproductive Endocrinology and Director, Reproductive-Endocrine Research Laboratory; Jeffrey Goldberg, MD, Reproductive Endocrinologist; and Marjan Attaran, MD, Reproductive Endocrinologist.

Interested persons should send a one-page summary of their career goals with the latest curriculum vitae and two letters of recommendation. For information on application procedures and course fee, please contact: The Cleveland Clinic Foundation, Department of Urology, A19.1, 9500 Euclid Avenue, Cleveland, Ohio 44195, Attention: Mrs. Robin Verdi, Telephone (216) 444-9485, Fax: (216)445-6049, e-mail: Verdir@cesmtp.ccf.org.

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**The Contraceptive Research and Development (CONRAD) Program**  
**Announces a Request for Applications (RFA) to Develop**  
**Improved Methods of Contraception**

The CONRAD Program is seeking applications to develop contraceptive methods that are safe, effective, and acceptable. Areas of particularly high interest include: barrier methods that protect against the transmission of HIV or other STD pathogens, and are controlled by the female user; improved formulations of existing vaginal products; progestin-releasing single subcutaneous implants or IUDs; adhesives, chemicals, or other techniques to achieve non-surgical male or female sterilization. The program focus is on initial phases of clinical testing and product-oriented preclinical studies. For more information contact Lee E. Claypool, Ph.D. (address below).

The CONRAD Program has also received funds from the Rockefeller, Mellon, and other foundations to create the Consortium for Industrial Collaboration in Contraceptive Research (CICCR) which promotes public/private sector interaction in contraceptive R & D. Funding is available to support a woman-centered agenda which includes male methods; vaginal methods that prevent pregnancy and STDs; and a monthly method that could be post-coital, anti-implantation, or a menses inducer. Funding is available to investigators at not-for-profit institutions, who have, or can attract, industrial interest or joint funding. For more information contact Michael J. K. Harper, Ph.D. (address below).

CONRAD Program, 1611 North Kent Street, Suite 806, Arlington, VA 22209, Phone (703) 524-4744, Fax (703) 524-4770, E-mail info@conrad.org, Website <http://www.conrad.org>

**SERONO SYMPOSIA: XVth TESTIS WORKSHOP**  
**THE TESTIS: FROM STEM CELL TO SPERM FUNCTION**  
**Louisville, Kentucky, April 7–10, 1999**

This symposium will offer basic and clinical scientists state-of-the-art analysis of testis development and function. At the end of this meeting, the attendees will demonstrate an increased scientific and clinical knowledge relevant to mammalian sperm formation and function. This symposium is designed for scientists, physicians and other health professionals interested or trained in reproductive biology. Participants are invited to submit abstracts for poster presentation. Deadline for submitting abstracts is **February 1, 1999**.

For further information, please contact Leslie Nies, President, Sero Symposia USA, Inc., 100 Longwater Circle, Norwell, MA 02061, USA. Telephone: 800-283-8088 (781-982-9000), Fax: 781-982-9481.

**Testosterone**

**Action—Deficiency—Substitution**

**E. Nieschlag, H.M. Behre**, University of Münster, Germany (Eds.)

2nd ed. 1998. X, 594 pp. 95 figs., 28 tabs. Hardcover.

DM 179.00; öS 1307.00; s Fr 162.00; US \$ 109.00; £ 69.00; FF 675.00; Lit. 197,690

ISBN 3-540-64283-8

This completely revised and extended 2nd edition is a textbook and reference book for everybody interested in testosterone. It covers the biosynthesis, action and metabolism of testosterone as well as the molecular biology of the androgen receptor. All aspects of testosterone action are presented. Special chapters deal with its role in spermatogenesis, its psychotropic effects, effects on bones, muscles, lipids and hair. Conventional and modern transdermal methods of testosterone substitution are discussed in great detail. Male senescence and male contraception are covered, as well as doping control for anabolic steroids. Each chapter is concluded by highlighted "key messages" for a quick orientation of the reader. A must for every clinician interested in the male!

**From the contents:** Overview of Biosynthesis, Transport, Metabolism and Non-genomic Actions of Testosterone. The Androgen Receptor. Behavioural Correlates of Testosterone. Androgens and Hair. Androgens and Cardiovascular Risks. Androgens and Bone Metabolism. Pharmacology and Clinical Uses of Testosterone. Comparative Pharmacokinetics of Testosterone Esters. Transdermal Dihydrotestosterone Treatment. Androgens in Male Senescence. Androgen Therapy in Non-gonadal Disease. Testosterone in Male Contraception. Androgen Treatment of Female-to-male Transsexuals. Abuse of Androgens.

E. Nieschlag, H. Behre "Andrology. Male Reproductive Health and Dysfunction." 1997, 3-540-61616-0, und E. Nieschlag, H. Behre "Andrologie. Grundlagen und Klinik der reproduktiven Gesundheit des Mannes." 1996, 3-540-60886-9 lieferbar.

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**European Federation of Endocrine Societies (EFES)**  
**3rd Postgraduate Course in Molecular and Cellular Endocrinology**  
**Münster, Germany, July 7–11, 1999**

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**Aim of the course:** Providing clinical endocrinologists and basic scientists with knowledge about the most recent scientific and technologic advances in the field of molecular and cellular endocrinology.

**Venue:**  
Münster, Germany, July 7–11, 1999

**Contact:**  
Manuela Simoni, MD, PhD  
Institute of Reproductive Medicine  
Domagkstr. 11, D-48129 Münster  
Tel: +49-251-8356444  
Fax: +49-251-8356093  
e-mail: simoni@uni-muenster.de

**Local Scientific Organizing Committee:**  
M. Simoni, J. Gromoll, E. Nieschlag,  
G.F. Weinbauer

**General structure of the course:**  
The course consists of:  
1. introductory lectures on hormone action  
2. comprehensive lectures on selected endocrine topics  
3. technology lectures  
4. workshops

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**Topics:**

1. *Introductory lectures on hormone action:*  
Peptide hormones and receptors  
Steroid hormones and receptors  
Thyroid hormones and receptors  
Non-genomic actions of steroid hormones  
Calcium-mediated signal transduction  
Heat shock proteins, coactivators, chaperones
  2. *Selected endocrine topics*  
Multiple endocrine neoplasia 1 and 2  
POMC/Dopaminergic receptors  
PRL/PRL receptor  
G protein-coupled receptors/orphan receptors  
Insulin signal transduction
  3. *Special topic: endocrinology of reproduction*  
Activin and activin receptors  
Sex differentiation  
GnRH and GnRH receptor  
Ontoendocrinology  
Transgenic and KO mice in reproductive endocrinology
  4. *Technology lectures*  
Use of internet in endocrinology  
DNA chip technology  
From the lab bench to the clinic: development of endocrine drugs  
Production of recombinant hormones
  5. *Workshops*  
Molecular methods in the diagnosis of endocrine diseases  
Cellular techniques in endocrinology  
Identifying hormone dependent genes  
Identifying a genetic cause in endocrine diseases: how to study pedigrees
- 

**Deadline for registration**

**May 1, 1999**

The number of registrations will be limited to  
120 on a "first come–first served" basis

**Registration fee:**  
145 EURO

**Financial Support:**  
NOVO Nordisk

## VIIth International Congress of Andrology Program

The VIIth International Congress of Andrology will be held between Friday, June 15th and Tuesday, June 19th, 2001, in the Montreal Convention Centre, Montreal, Canada. At the last meeting of the Program Organizing Committee, chaired by Dr. Hector Chemes, it was decided to circulate for comments and suggestions the tentative list of topics for the next Congress. The meeting will run for 3½ days, with 7–8 Plenary, 18 Symposia and 9 lunchtime Workshop/Meet-the-Professor/Technology Update sessions. The primary criterion for speakers will be scientific excellence. As in previous meetings, POC members and previous Plenary lecturers are not eligible to be Plenary or Symposium speakers. In general, younger speakers will be preferred, and regional, specialty and gender balance would be secondary considerations. Your suggestions for priorities among the list of proposed topics and for speakers are now invited. In order to have an influence on the next POC meeting, we must receive your suggestions by December 31st, 1998. Please send your suggestions to either Hector E. Chemes (POC chairman, hector@chemes.apd.org.ar, fax +54 1 963 5930) or David J. Handelsman (ISA Secretary, djh@med.usyd.edu.au, fax +61 2 9351-4560).

### Plenary Topics

- \* Stem cell and germ line engineering
- \* Genetics of spermatogenesis
- \* Androgen action (polymorphism, sensitivity)
- \* Male reproductive health/sexually transmitted disease and public health
- \* Aspects of andrology
- \* Male sexual dysfunction (clinical, pharmacological)
- \* Cloning
- \* Prostate
- \* ART/ICSI
- \* Aging male
- \* Male contraception
- \* Male sexual differentiation/development
- \* Hot topics

### Symposium Topics

- \* Transplantation of testis tissues
- \* Molecular genetics of sperm
- \* Sperm structure and function
- \* Prostate
- \* Epididymis sperm–egg interaction
- \* Testicular development
- \* Testis cancer
- \* Androgens and the brain
- \* Male sexual dysfunction
- \* Nitric oxide in male reproduction
- \* FSH in the male
- \* Nonsteroidal endocrinology of the testis (inhibin, activin, paracrine)
- \* Leydig cells
- \* Surgery and ART
- \* Ethical issues in andrology
- \* Transcultural aspects of andrology
- \* Cell survival and death (retinoids, apoptosis)
- \* Androgen therapy
- \* Pharmacotherapy of aging (androgen, GH, DHEA)
- \* Male contraception
- \* Public health aspects of andrology (occupational, environmental, prenatal)
- \* Testicular toxicology
- \* Clinical genetics in andrology (CF, CABVD)
- \* Population variation in testicular endocrinology
- \* Neuroendocrinology (leptin, GnRH)
- \* Epigenetics
- \* Recent advances in ART
- \* Hot topics

### Workshop, Meet-the-Professor and Technology Update Topics

- \* Sperm function tests
- \* CASA
- \* Sperm morphology
- \* WHO manual
- \* Hormone assays
- \* Molecular genetic diagnosis
- \* Transgenic genetic technology
- \* DNA chips
- \* High-throughput screening
- \* Drug discovery and design
- \* Male infertility
- \* Aging male
- \* Sexual dysfunction
- \* Androgen replacement therapy
- \* Pubertal disorders
- \* Sperm retrieval
- \* Medical therapy of prostate disease
- \* Pediatric andrology
- \* Antisense RNA technology

## Information for Authors

The *Journal of Andrology*, the official journal of the American Society of Andrology, publishes significant new findings of basic and clinical research on human and animal male reproductive tracts. Of special interest to the journal are hormonal regulation of spermatogenesis, gene expression in accessory sex organs and external genitalia, anatomical studies of the reproductive tract, prostate diseases, and physiology of penile erectile tissue. Announcements of professional meetings, postgraduate courses, symposia and other events of interest to andrologists are also published. Minireviews and Letters to the Editor are featured. Membership in the Society is not required for submission of a manuscript.

**Letter of transmittal.** All new manuscripts must be accompanied by a letter from the corresponding author stating that the manuscript represents original, unpublished material not under editorial consideration elsewhere, and that ethical guidelines were followed in the conduct of the research. Receipt of this statement is a condition of acceptance of the manuscript for review. Authors are encouraged to suggest the names, telephone, and FAX numbers of prospective referees. Also, the corresponding author must include a complete address, telephone, and FAX number.

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ducted in accordance with accepted humane practices. The *Journal* supports the principles of research involving human subjects as expressed in the *Declaration of Helsinki*, and those of animal subjects as expressed in the *Principles of Laboratory Animal Care*, advocated by the National Society of Medical Research, and the *Guide for the Care and Use of Laboratory Animals*, published by the National Institutes of Health.

**Mailing address.** Send the letter of transmittal, copyright transfer form, four copies of the manuscript and illustrative material, and a properly formatted disk to the Editor:

David W. Hamilton, Ph.D.  
Jon L. Pryor, M.D.  
Co-Editors-in-Chief, *Journal of Andrology*  
University of Minnesota  
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**Contacting the Editorial Office.** Office hours are Monday–Thursday, 9:00 am to 2:00 pm central time. Tel: (612) 625-1488; Fax: (612) 625-1163; E-mail: andrology@med.umn.edu.

**Peer review.** All manuscripts will be reviewed by two or more expert referees. Acceptance of manuscripts is based on scientific merit.

### *Preparation of the Manuscript*

Prepare manuscripts in English according to the *American Medical Association Manual of Style*, 8th ed. Baltimore: Williams & Wilkins, 1989. Submit four complete copies of your original or revised manuscript.

**Format.** Use standard 8½ × 11-inch (21 × 28 cm) bond paper and maintain margins of at least 1 inch (2.5 cm) on all sides. Double-space text throughout, including the title page, abstract, text, references, legends, and tables. Number all pages consecutively, beginning with the title page (page 1) and including the references, legends, and tables.

The text should be divided into the following sections: Introduction, Methods, Results, and Discussion. Authors may use another format if it is more appropriate.

**Title page.** The title page should include 1) the title of the manuscript; 2) a short running head of not more than 40 letters and spaces; 3) the first name, middle initial, and

last name of each author; 4) the name and address of each department and/or institution where the work was done; 5) the name, address, telephone, and fax number or e-mail code of the author to whom correspondence and reprint requests should be addressed; and 6) sources of support in the form of financial aid, grants, or equipment.

**Abstract.** An abstract of no more than one typed, double-spaced page should state the objectives, findings, and conclusions. At the end of the abstract, provide up to six **key words** to be used for indexing. Key words should not duplicate words in the title.

**Acknowledgments.** Authors should obtain written permission for everyone acknowledged by name (including unpublished work) since readers may infer their endorsement of the paper and its conclusions.

**Abbreviations.** Use of abbreviations, except for units of measure, is discouraged. Abbreviations should be preceded by word(s) for which they stand. Consult the *AMA Manual of Style* for lists of standard abbreviations.

**References.** References should be cited in the text by the name and date system: (Smith and Jones, 1972). References by three or more authors should be cited by the name of the first author followed by et al: (Smith et al, 1972).

References should be listed alphabetically at the end of the paper in the format illustrated below. If the authors of two or more entries are the same, the citations should be listed in chronological order. All authors of a given reference should be listed. Names of journals should be abbreviated as in *Serial Sources for the BIOSIS Data Base* (BioSciences Information Service, Philadelphia, PA). It is the author's responsibility to ensure that all references are accurate.

A paper that has been accepted for publication may be cited in the reference section if the name of the journal and the year of publication are given. Authors should provide three copies of such papers for the referees. References to unpublished data and personal communications should be clearly identified and listed in parentheses within the text. These items should not be included in the list of references.

#### **References to abstracts are not permitted.**

##### *Standard journal article:*

Alexander NJ, Fulgham DL. Antibodies to spermatozoa in male monkeys: mode of action. *Fertil Steril* 1978;30:334-342.

##### *Books and other monographs:*

Lipshultz LI, Howards SS, eds. *Infertility in the Male*. 2nd ed. St. Louis: Mosby-Year Book, Inc; 1991.

##### *Chapter in a book:*

Stewart JM. Pharmacology of LHRH and analogs. In: Zatuchni GI, Shelton JD, Sciarra JJ, eds. *LHRH Peptides as Female and Male Contraceptives*. New York: Harper & Row, 1982:2-12.

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Each figure should be numbered and cited in the text in consecutive order. On the back of each figure, identify the author, figure number, and top with a typed adhesive label.

1) When manuscripts include **illustrations of black-and-white graphs or charts**, submit either two good photocopies and two glossy prints or four laserjet copies.

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The cost for color reproduction must be borne by the author. Upon submission of color prints to the publisher, the author will be provided with a cost estimate for color reproduction and with the option of using black-and-white, if preferred.

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**Legends.** Type double-spaced and grouped on a separate page. Provide sufficient detail to make the figure understandable without reference to the text. Indicate the dimensions of scale bars on photomicrographs and identify the method of staining.

**Tables.** Tables should be typed double-spaced on separate pages, numbered consecutively, and cited in the text. Explanatory matter should be in double-spaced footnotes. Graphs or illustrations are preferred to tables.

Accepted manuscripts should be submitted in a popular word-processing format to ensure ease of translation. Send 3.5-inch diskettes (high-density if Macintosh), preferably in Microsoft Word, WordPerfect, or ASCII formats. Figures may also be saved on diskette. Electronic figures should be saved in separate files. The publisher will accept EPS, TIFF, and PCX formats. A hard copy of the figure must accompany the manuscript. Refer to <http://www.allenpress.com/howtos/pubguide.html#text> for more details concerning electronic manuscript submissions.

**Period of revision.** Authors should return a revised manuscript within three months (U.S.) or six months (foreign) of receipt of the first editorial decision.

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Proofs are sent to the author with the original manuscript. Corrected pages and the original manuscript should be returned by the fastest mail service available within 72 hours to: Marissa Barlow, Allen Press, 810 East Tenth Street, Lawrence, KS 66044.

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**Submission criteria:** Each manuscript should consist of an **Abstract**, an **Introduction**, a **Materials and Methods** section, and a **Results and Discussion** section (combined or separate). References and figures should follow the same style used in full-length manuscripts. **Please submit two copies for review.**

Authors of accepted manuscripts in this category will not receive page proofs. Only the Editors will receive proofs.

### ***Conflict of Interest***

Manuscripts submitted by the Co-Editors-in-Chief or their institutional colleagues are processed by the Associate Editors.

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# Membership Information

## What is the American Society of Andrology?

American Society of Andrology (ASA) is a unique membership of scientists and clinicians. Founded in 1955, the Society now has over 700 members from all over the world whose specialty fields include endocrinology, urology, animal science, anatomy, psychiatry, gynecology and biochemistry. The Society, which fosters a multi-disciplinary approach to the study of male reproduction, exists to promote scientific exchange and knowledge of the male reproductive system.

## The Journal of Andrology

One of the most notable benefits of membership in ASA is a subscription to the internationally recognized *Journal of Andrology*. The *Journal* is a major source of scientific reports and topical reviews covering all aspects of male reproduction.

A subscription to the bi-monthly *Journal*, which is valued at over \$200, is included in your membership. Annual dues are \$110 for active members residing in the United States and \$120 for active foreign members. Student memberships — at \$35 for US residents and \$45 for residents outside the US — are also available.

## Scientific Meetings

Membership in ASA also entitles you to reduced registration fees for the Annual Meeting, Postgraduate Course and Laboratory Workshop. With its many lectures, symposia, oral research presentations and poster sessions, the ASA Annual Meeting offers an unequalled opportunity to learn about the latest advances in andrological research. As a member, you'll be the first to receive abstract submission forms, meeting programs and registration

forms. The meetings are designed to meet the interests and needs of ASA's diverse membership, and continuing medical education (CME) credits are available for physicians.

The 24th Annual Meeting will be held April 11–13, 1999 at the Hyatt Regency in Louisville, Kentucky. The 2000 meeting — ASA's 25th birthday — is set for April 9–11 in Boston, Massachusetts; in 2001, the ASA will host the International Society of Andrology meeting in Montréal, Québec, Canada.

## Membership Directory

Members also receive a directory of all ASA members, free of charge. With all members listed and referenced by name, location, research area, specialty and area of clinical practice, this directory is an invaluable resource for anyone within the field of Andrology — but it's available only to ASA members. The directory includes postal and email addresses as well as phone and fax numbers for each member.

## The Handbook of Andrology

ASA members may also receive the *Handbook of Andrology*, an 81-page soft-bound book that presents the basic science and clinical aspects of the male reproductive system in an easy-to-read format. The *Handbook* is a fantastic tool for medical students and is available free of charge to ASA members. Multiple copies are available for educational purposes.

## ASA On-Line

ASA members have access to *Androlog*, the on-line forum to discuss the latest issues and topics in the field of Andrology with your cyberspace colleagues. The Society also maintains a home page at <http://godot.urol.uic.edu/~androlog/> which can be used to find out the latest

association news and download abstract forms, membership applications and meeting registration forms. The ASA home page also includes direct email links to ASA's elected officers and administrative offices.

## Student Benefits

The ASA recognizes that students are the future of Andrology. With this in mind, the Society offers special student membership discounts—and unlike many other societies, a *Journal* subscription is part of student membership. Students also receive lower meeting registration fees, and students who present research at the Annual Meeting are eligible for the Thomas S.K. Chang Student Travel Fund. In addition, the ASA Student Affairs Committee sponsors a Student Colloquium and a reception especially for students at the Annual Meeting.

## Women In Andrology

Understanding that women face unusual challenges in the field of Andrology, the Women in Andrology (WIA) group of ASA was founded as a forum for women to network and benefit from the collective experience of others in the group. WIA also mentors women entering Andrology, and the group holds a luncheon at the Annual Meeting each year.

## Membership Categories

**Active membership** is open to any professionally qualified physician or scientist with an interest in and evidence of scientific contributions in the field of Andrology. Annual dues are \$110 for active members in the US and \$120 for foreign members.

**Life membership** is awarded to any active member who makes a single payment equivalent to twenty years of dues to the Society.

**Student membership** is for any student in a program leading to a degree, post-doctoral fellow, medical intern or resident interested in the progress and development of Andrology. Annual dues are \$35 for students in the US and \$45 for students in foreign countries.

**Emeritus membership** is awarded by the Membership Committee to members who have retired and who are worthy of the designation of Emeritus. Emeritus members

do not pay dues and do not receive the *Journal of Andrology* but they do receive all other Society mailings and the Annual Meeting registration fees are waived.

## To Join

To become a member of the American Society of Andrology, send your application and first year's dues payment to:

American Society of Andrology  
74 New Montgomery, Suite 230  
San Francisco, CA 94105

Applications are reviewed by the Membership Committee and dues payments are not deposited until approval is received. Checks, made payable to the American Society of Andrology, must be in US dollars drawn on a US bank. Visa and MasterCard payments are also accepted.

Membership is based on a calendar year and dues invoices are sent annually in the fall. New members receive all issues of the *Journal* for the calendar year which they join the Society, with the following caveats: Members who join after June 30 in any year may elect to pay half the annual dues for that year; in that case, they will receive only the issues of the *Journal* from the second half of that year. Members who join after September 30 may elect to have their full dues payment applied to the following year; if they exercise this option, their *Journal* subscription will not begin until January 1 of the following year. Any member who joins the Society at any time during the year and wants to receive all issues of the *Journal* for that year must pay the entire year's membership dues.

## Questions?

Contact the ASA executive offices by phone: (415) 764-4915 or fax: (415) 764-4915 or email: [asa@hp-assoc.com](mailto:asa@hp-assoc.com) if you have any additional questions.



# Membership Application

## Personal Information

Please type or print clearly, using the address at which you want to receive all Society mailings, including the *Journal*.

Name: \_\_\_\_\_

Institution: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State or Province: \_\_\_\_\_

Zip or Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Indicate the type of membership for which you are applying:  Active  Student  Life

## Education

List the institutions you have attended and degrees you have received. Include postdoctoral fellowships.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Supporting Documents

All applications must be accompanied by an initial dues payment (see the annual dues information on the back of this application form). In addition, every applicant must have a sponsor. Please submit a letter of recommendation from a colleague in the field of Andrology or secure the signature of an ASA member. It is not necessary to submit a CV.

Sponsoring member's signature: \_\_\_\_\_

Applicants for student membership must also submit a brief letter from an advisor stating that the applicant is a student actively working toward a degree, a medical intern or resident, or a postdoctoral fellow.

## Signature

I declare that the information included in this application is true and correct.

Applicant's signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Annual Dues

Membership dues include a \$45 subscription to the *Journal of Andrology*. Current dues are:

	Active Members	Student Members	Life Members
US Residents	\$110	\$35	\$2,200
Foreign Residents	\$120	\$45	\$2,400

Foreign members may upgrade their *Journal* delivery to first-class airmail by paying a nominal additional fee (based on mailing address). Mexico and Canada: \$12; South America, Europe, North Africa: \$28; South Africa, Asia, Australia/New Zealand, the Middle East: \$35.

All funds must be in US dollars. Checks must be drawn on a US bank and made payable to the American Society of Andrology (tax identification number 38-2138414). Visa and MasterCard are also accepted.

Visa or Mastercard Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Cardholder's Signature: \_\_\_\_\_ Total Payment: \_\_\_\_\_

## Areas of Interest

Please indicate your interests below. This information will be included in the ASA Membership Directory.

### Specialty

Circle no more than two.

- A Applied Research
- B Basic Research
- C Clinical Practice
- D Not Indicated

### Clinical Practice

Circle your primary clinical area.

- 1 Clinical Andrology
- 2 Clinical Laboratory
- 3 Endocrinology
- 4 Internal Medicine
- 5 Obstetrics/Gynecology
- 6 Pediatrics
- 7 Urology
- 8 Veterinary Medicine
- 9 Other
- 10 No Clinical Practice
- 11 None Indicated

### Research Areas

Circle no more than four.

- a Animal Science
- b Biochemistry
- c Cell Biology
- d Endocrinology
- e Genetics
- f Immunology
- g Molecular Biology
- h Oncology
- i Physiology
- j Toxicology
- k Zoology
- l Assisted reproductive techniques
- m Contraception
- n Ejaculatory function
- o Impotence
- p Infectious diseases
- q Infertility
- r Nutrition
- s Sperm
- t Testis
- u Epididymis
- v Prostate
- w Pituitary
- x Other glands
- y None Indicated

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URL: <http://godot.urol.uic.edu/~androlog/>