2nd announcement

9th International Congress of Andrology
7-10 March 2009

XIV National Congress of the Spanish Society of Andrology
XI Iberian Meeting of Andrology
IV Iberoamerican Meeting of Andrology

10-11 March 2009

Barcelona, Spain

www.ica2009.com
As Chair of the Local Organising Committee of the 9th International Congress of Andrology, that will take place 7-10 March 2009 in Barcelona, Spain, I am pleased to contact you again.

It is with great pleasure that we present the 2nd announcement of the Scientific Programme. The Programme Organising Committee, chaired by professor Christina Wang, has been working together with the Local Organising Committee to prepare a cutting edge programme which covers exciting and new developments in the field of reproductive biology and medicine, with a focus on andrology. For this, we have invited many outstanding scientists, investigators and clinicians in andrology and related fields to present their work and thoughts at the Congress.

Please note that the schedule of the programme at a glance is subject to date and time changes. Updates will be available on the website. For more detailed information on the programme, you can visit the official website of the Congress: www.ica2009.com.

Also, on the website you will find information concerning abstract submission. We look forward to your abstract submission by October 15th 2008.

We hope you to see all of you in Barcelona!

Dr. José L. Ballescà
Chairman of the Organising Committee
## Committees

### International Society of Andrology

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Country</th>
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<tbody>
<tr>
<td>President</td>
<td>J. Anton Grootegoed</td>
<td>The Netherlands</td>
</tr>
<tr>
<td>Secretary</td>
<td>Robert McLachlan</td>
<td>Australia</td>
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<tr>
<td>Treasurer</td>
<td>Hermann Behre</td>
<td>Germany</td>
</tr>
<tr>
<td>Editor</td>
<td>Mónica Vazquez-Levin</td>
<td>Argentina</td>
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### Programme Organising Committee

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
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<tbody>
<tr>
<td>Chair</td>
<td>Christina Wang</td>
<td>USA</td>
</tr>
<tr>
<td>Members</td>
<td>Hermann Behre, J. Anton Grootegoed, Csilla Krausz, Robert McLachlan</td>
<td>Germany, The Netherlands, Italy, Australia</td>
</tr>
<tr>
<td>Members</td>
<td>Masaru Okabe, Josep Mª Pomerol, Jacquetta Trasler, Paul Turek</td>
<td>Japan, Spain, Canada, USA</td>
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### Local Organising Committee

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<thead>
<tr>
<th>Position</th>
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<tbody>
<tr>
<td>Chair</td>
<td>José Luis Ballescà</td>
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<tr>
<td>Secretary</td>
<td>Anna Puigvert</td>
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<tr>
<td>Members</td>
<td>Juan Álvarez, Ricardo Álvarez, Lluís Bassas, Manuel Gil-Salom, José Mª Gil-Vernet</td>
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<tr>
<td>Members</td>
<td>Manuel Mas, Ignacio Moncada, Josep Mª Pomerol, Rafael Oliva, Josep Mª Viladoms</td>
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## Programme at a glance

### Saturday, 7

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>08:00-16:00</td>
<td>Post-graduate Course</td>
</tr>
<tr>
<td>16:30-17:00</td>
<td>Opening Ceremony</td>
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<tr>
<td>17:00-18:00</td>
<td>Plenary 1</td>
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<tr>
<td>18:00</td>
<td>Welcome Reception - Gardens of the Palau</td>
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### Sunday, 8

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:00-09:15</td>
<td>Plenary 2</td>
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<tr>
<td>09:15-10:15</td>
<td>Coffee break - Poster 1</td>
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<tr>
<td>10:15-11:45</td>
<td>Symposium 1A</td>
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<td></td>
<td>Symposium 1B</td>
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<td>Symposium 1C</td>
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<tr>
<td>11:45-12:45</td>
<td>Workshop 1</td>
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<tr>
<td>12:45-14:15</td>
<td>Symposium 2A</td>
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<td>Symposium 2B</td>
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<td>Symposium 2C</td>
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<tr>
<td>14:15-15:15</td>
<td>Coffee break - Poster 2</td>
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<tr>
<td>15:15-16:45</td>
<td>Plenary 3</td>
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### Monday, 9

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<tr>
<th>Time</th>
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<tr>
<td>08:30-09:30</td>
<td>Plenary 4</td>
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<td>09:30-10:30</td>
<td>Coffee break - Poster 3</td>
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<tr>
<td>10:30-12:00</td>
<td>Symposium 3A</td>
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<td>Symposium 3B</td>
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<td>Symposium 3C</td>
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<tr>
<td>12:00-13:00</td>
<td>Workshop 4</td>
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<tr>
<td>13:00-14:30</td>
<td>Symposium 4A</td>
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<td>Symposium 4C</td>
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<tr>
<td>14:30-15:30</td>
<td>Coffee break - Poster 4</td>
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<tr>
<td>15:30-17:00</td>
<td>Plenary 5</td>
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<td>17:00-18:00</td>
<td>ISA General Assembly</td>
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<td>19:30</td>
<td>Congress Dinner</td>
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### Tuesday, 10

<table>
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<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>08:30-10:00</td>
<td>Symposium 5A</td>
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<td>Symposium 5B</td>
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<td>Symposium 5C</td>
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<tr>
<td>10:15-11:45</td>
<td>Symposium 6A</td>
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<tr>
<td>11:45-12:30</td>
<td>Coffee break</td>
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<tr>
<td>12:30-13:00</td>
<td>Closing Ceremony</td>
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Saturday, 7 March

**POST-GRADUATE COURSE: Male infertility**
Co-Chairs: Csilla Krausz (Italy), Rob McLachlan (Australia)

<table>
<thead>
<tr>
<th>Time</th>
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| 08.00-09.00 | Germ cell maturation to sperm in vitro: clinically feasible?  
Colin Bishop (USA), Mario Sousa (Portugal), Makoto Nagano (Canada) |
| 09.00-09.30 | New aspects in the clinical assessment of the infertile male  
Lluis Bassas (Spain) |
| 09.30-10.00 | Critical assessment of testis biopsy  
Ewa Rajpert-de Meyts (Denmark) |
| 10.00-11.00 | Current recommendations for genetic testing for male infertility  
Manuela Simoni (Germany), Csilla Krausz (Italy), Rob McLachlan (Australia) |
| 11.00-11.30 | What does semen analysis really tell you? Is sperm DNA integrity important?  
Trevor Cooper (Germany) |
| 11.30-12.30 | Management of clinically significant male infertility: ART is the answer  
Paul Turek (USA), Eberhard Nieschlag (Germany) |
| 14.00-14.30 | How to retrieve sperm in azoospermia?  
Valerie Vernaeve (Belgium) |
| 14.30-15.00 | Non-obstructive azoospermia: who has sperm?  
Peter Schlegel (USA) |
| 15.00-16.00 | Varicocele repair cures male infertility  
Timothy Hargreave (UK), Ana Puigvert (Spain) |
| 16.30-17.00 | Opening ceremony |
| 17.00-18.00 | PLENARY LECTURE - Genes and infertility  
David Page (USA) |
| 18.00     | Welcome reception |
Sunday, 8 March

08.00-09.15 PLENARY LECTURE 2
Global andrology: impact of intervention including circumcision on HIV and STI
* Sponsored by the World Health Organisation
- Male circumcision and HIV prevention: the evidence and potential impact
  Timothy Farley (Switzerland)
- Technical standards and training for rapid expansion of safe circumcision services
  Timothy Hargreave (UK)
- Implementing a circumcision program in Zambia
  Kasonde Bowa (Zambia)

09.15-10.15 Coffee break - Poster 1

10.15-11.45 SYMPOSIA

Symposium 1A - Basic. Sex differentiation
- Germ cell fate and gonadal development
  Peter Koopman (Australia)
- Hypospadias
  Tsutomu Ogata (Japan)
- X and Y chromosomes and sexual differentiation of the brain
  Arthur Arnold (USA)

Symposium 1B - Translational. Prostate disorders
- From human stem cells to prostate tissues
  Gail Risbridger (Australia)
- Epigenetics and prostate diseases
  Shuk-Mei Ho (USA)
- Can 5 alpha reductase inhibitor prevent prostate cancer?
  Ian Thompson (USA)

Symposium 1C - Clinical. Clinical azoospermia
- Genetic polymorphisms and rearrangements
  Eitetsu Koh (Japan)
- Somatic cell dysfunction and azoospermia
  Manuela Simoni (Germany)
- Surgical remediable causes of azoospermia
  Peter Schlegel (USA)

11.45-12.45 WORKSHOPS

Workshop 1
Surgical alternatives to IVF and sperm retrieval techniques: indications and outcomes
Peter Schlegel (USA), Manual Gil-Salon (Spain)

Workshop 2
Examination of Human Semen and Sperm-cervical Mucus Interaction
(Who manual 5th Edition)
Trevor Cooper (Germany), Jose A. Castilla (Spain)
* Sponsored by the World Health Organisation
Workshop 3
Sperm integrity: DNA and protein
Elisabetta Baldi (Italy), Rafael Oliva (Spain)

12.45-14.15 SYMPOSIA

Symposium 2A - Basic. Spermatogenesis
- Spermatogenic defects
  Moira O’Bryan (Australia)
- Meiosis
  Jordi Benet (Spain)
- Spermiogenesis
  Giovanna Berruti (Italy)

Symposium 2B - Translational. New strategies in andrology
- Bioinformatics
  Arul Chinnaiyan (USA)
- Proteomics
  Rafael Oliva (Spain)
- Tissue engineering in andrology
  Colin Bishop (USA)

Symposium 2C - Clinical. Disorders of the hypothalamic pituitary axis
- Genetics of idiopathic hypogonadotrophic hypogonadism
  Nelly Pitteloud (USA)
- Hypogonadism in diabetes
  T. Hugh Jones (UK)
- Alternative therapies of secondary hypogonadism
  Peter Liu (Australia)

14.15-15.15 Coffee break - Poster 2

15.15-16.45 PLENARY LECTURE 3 - Aging
- European male aging study
  Frederick Wu (UK)
- ISA-ISSAM-EAU-EAA recommendations for testosterone treatment for late onset hypogonadism
  Eberhard Nieschlag (Germany), Ronald Swerdloff (USA), Wayne Hellstrom (USA), Ian Thompson (USA)
Monday, 9 March

08.30-09.30 PLENARY LECTURE 4 - Prostate cancer
  - Pathogenesis of prostate cancer
    Arul M. Chinnaian (USA)
  - Novel approaches in prostate cancer treatment
    Martin Gleave (Canada)

09.30-10.30 Coffee break - Poster 3

10.30-12.00 SYMPOSIA

Symposium 3A - Basic. Small RNAs in andrology
  - piRNA complex and gametogenesis
    Toru Nakano (Japan)
  - Tissue specific RNAi and spermatogenesis
    Myles Wilkinson (USA)
  - Micro RNA and evolution
    Bing Su (China)

Symposium 3B - Translational. Infertility as a window into male health
  - Bicarbonate, pH and sperm capacitation and fertility
    Hsiao Chang Chan (Hong Kong)
  - Protamines and gamete fitness
    Douglas Carrell (USA)
  - Oxidative stress and spermatozoa health
    John Aitken (Australia)

Symposium 3C - Clinical. Sexual dysfunction
  - Is erectile dysfunction a health gauge?
    Mario Maggi (Italy)
  - PDE5 failures- what to do?
    Antonio Martin Morales (Spain)
  - Beyond the PDE5 inhibitors?
    Wayne Hellstrom (USA)

12.00-13.00 WORKSHOPS

Workshop 4
Monitoring for prostate diseases after androgen therapy
Ian Thompson (USA)

Workshop 2
Examination of Human Semen and Sperm-cervical Mucus Interaction
(Who manual 5th edition)
Trevor Cooper (Germany), Jose A. Castilla (Spain)
* Sponsored by the World Health Organisation

Workshop 3
Sperm integrity: DNA and protein
Elisabetta Baldi (Italy), Rafael Oliva (Spain)
13.00-14.30 SYMPOSIA

Symposium 4A - Basic. Testis
- Intratesticular mediators of androgen and FSH action
  Mohamed Benahmed (France)
- Intercellular adhesions and junctions
  A. Wayne Vogl (Canada)
- Germ cell transplantation as model to study spermatogenesis
  Stefan Schlatt (Germany)

Symposium 4B - Translational. Testicular cancer
- Regulation of testis descent
  John Hutson (Australia)
- Developmental origins of testicular cancer
  Ewa Rajpert-De Meyts (Denmark)
- Fertility after chemo- and radio-therapy
  Andrea Lenzi (Italy)

Symposium 4C - Clinical. Androgens
- Androgens and the metabolic syndrome
  Michael Zitzmann (Germany)
- Androgens and the skeleton
  Eric Orwoll (USA)
- Selective androgen receptor modulators
  James Dalton (USA)

14.30-15.30 Coffee break - Poster 4

15.30-17.00 PLENARY LECTURE 5
Human genome instability and genetic variability and epigenetics
- Epigenetics and ART
  Mario Sousa (Portugal)
- Human genome instability, and genetic mutations and male infertility
  Yuri Dubrova (UK)

17.00-18.00 ISA General Assembly

19.30 Congress Dinner
Tuesday, 10 March

8.30 - 10.00 SYMPOSIA

Symposium 5A - Basic. New strategies to male fertility control
- Potassium channels and sperm volume
  Ching-Hei Yeung (Germany)
- CRISP (cysteine-rich secretory proteins)
  Deborah Cohen (Argentina)
- Glycolytic enzymes as targets
  Deborah O’Brien (USA)

Symposium 5B - Translational. Endocrine disruptors
- Trans-generational male germ line responses to environment
  Robert Waterland (USA)
- Model systems for studying endocrine disruptors
  Paul Foster (USA)
- Endocrine disruptors and human development
  Katharina Main (Denmark)

Symposium 5C - Clinical. Debates on social aspects of andrology
- Androgen abuse is widespread in young men
  Ronald Swerdloff (USA) Pro, Frederick Wu (UK) Con
- Cultural awareness and competency in andrology is important
  Arthur Burnett (USA) Pro, Wayne Hellstrom (USA) Con

10.15-11.45 SYMPOSIA

Symposium 6 A - Basic. Stem cells in male reproduction
- Dosage compensation in diploid and polyploid stem cells
  Joost Gribnau (Netherlands)
- Germ cell formation from human embryonic stem cells
  Amander Clark (USA)
- Spermatogonial stem cells
  Makoto Nagano (Canada)

Symposium 6B - Translational. Male contraception
* Sponsored by the World Health Organisation
- Male hormonal contraception
  Maria Cristina Meriggiola (Italy)
- Acceptability of male contraception
  Eberhard Nieschlag (Germany)
- Public and private partnership in male contraception
  Regine Sitruk-Ware (USA)
Symposium 6C - Clinical. New insights on sexual dysfunction

- Premature ejaculation
  Marcel Waldinger (Netherlands)
- Priapism
  Arthur Burnett (USA)
- Penile implants
  Ignacio Moncada (Spain)

11.45-12.30 Coffee break

12.30-13.00 Closing ceremony
Technical Secretariat:

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