



International Society
of Andrology



Società Italiana
di Andrologia

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Congress venue:
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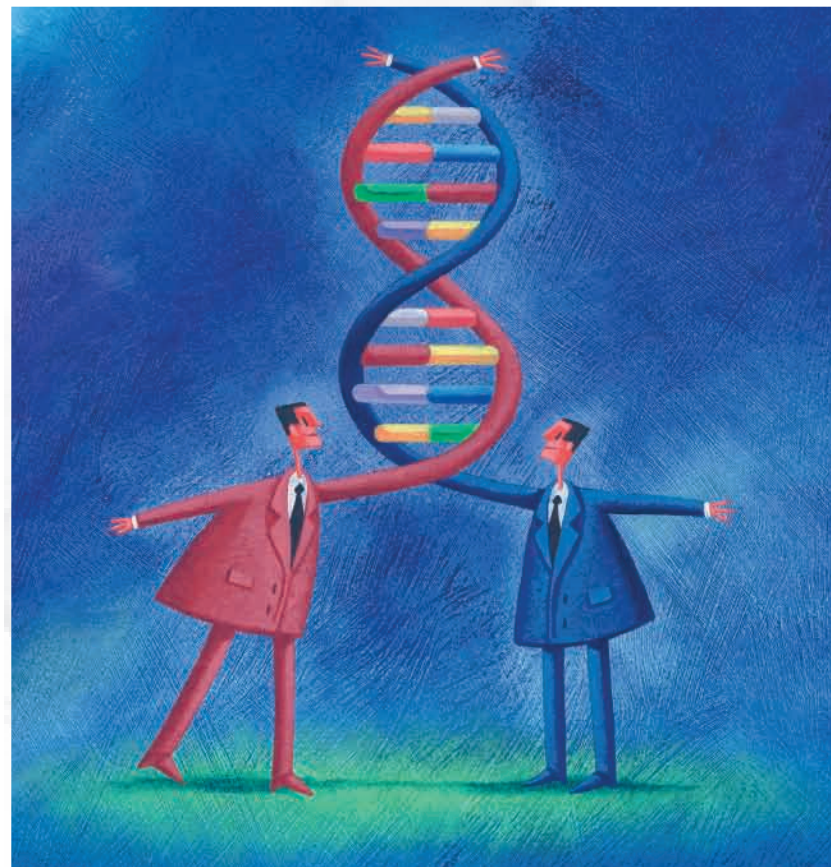
For Registration and further info:
www.spermdnasatellite.org

Organizing Secretariat



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ICA 2009 Satellite Symposium



Sperm DNA Damage:

from Research to Clinic

11-13 March 2009

Rome - Italy

Symposium website: www.spermdnasatellite.org

11 March 2009

- 15.30 – 17.00 Registration
- 17.00 – 18.00 Clinical Round Table
- 19.00 – 20.30 Welcome Cocktail

12 March 2009

I SESSION: Enviroment, genes and sperm DNA (I)

Chairpersons: C. Krausz, Italy – R.S. Swerdloff, USA

- 08:30 Enviromental hormones and male reproductive system
J.P. Bonde, UK
- 09:00 Gene environmental interaction: the impact of persistent organohalogen pollutants on sperm characteristics and genital malformations
Y. Giwercman, Sweden
- 09.30 Cryopreservation of sperm DNA
S. Lewis, UK
- 10.00 Coffee Break

II SESSION: Epigenetics and DNA damage repair

Chairpersons: E. Baldi, Italy – S. Krawetz, USA

- 10.30 Epigenetic control in male germ cells: the chromatoid body a san RNA-Processing center
P. Sassone Corsi, USA
- 11.00 Effect of chemotherapy and folate pathway deficiencies on the sperm epigenome
J. Trasler, Canada
- 11.30 Our genome in the male germ line: is it safe?
A. Grootegoed, The Neetherlands
- 12.00 Clinical significance of sperm DNA fragmentation assays
M. Spanò, Italy
- 12.30 Lunch and Poster Session

III SESSION: Chromosomes and mtDNA

Chairpersons: R. McLachlan, Australia – G. Micara, Italy

- 14:15 Sperm aneuploidy and ART offsprings
L. Gianaroli, Italy
- 14:45 Y chromosome rearrangements: their cellular origin and clinical consequences
C. Krausz, Italy
- 15:15 mtDNA and sperm function
J. St John, UK
- 15:45 Coffee Break

IV SESSION: Epigenetics and sperm DNA (II)

Chairpersons: P. Sassone Corsi, USA – M. Stefanini, Italy

- 16:15 Sperm Chromatin Packaging and DNA Methylation: Relevance to ART
D. Carrell, USA
- 16:45 Defining sites susceptible to DNA damage within the sperm nucleus: the nuclear matrix connection
S. Krawetz, USA

V SESSION: Selected oral presentations (I)

Chairpersons: F. Lanzafame, Italy - G. Balercia, Italy

- 17:15 Characteristic histone modifications and timing of histone to protamine switch in Drosophila sperm chromatin
S. Awe, Germany
- 17:30 Persistence of DNA damage and its consequence for mutagenesis in male germ cells of ogg1-/- big blue[®] Mice exposed to benzo(a)pyrene
A.K. Olsen, Norway
- 17:45 Cellular mechanism underlying the effects of paternal acrylamide-exposure on preimplantation development in mice
B. Lindeman, Norway
- 18:00 Epydidimal glutathione peroxidase 5 contributes to the maintenance of sperm dna integrity and to embryo viability
J. Drevet, France

VI SESSION: Selected oral presentations (II)

Chairpersons: G. Franco, Italy – G. Morrone, Italy

- 18:15 Male-to-female sex-ratio is potentially correlated to air pollution levels
J. Hallak, Brazil
- 18:30 Analytical investigation on TUNEL/PI assay for the determination of sperm DNA fragmentation: pitfalls and possible solutions
M. Muratori, Italy
- 18:45 Impact of environmental exposure to perfluorinated compounds on sperm DNA quality
L. Governini, Italy
- 19:00 Chromomycin A3 staining vs. TUNEL assay: different prognostic value on ART outcome
M. Nadalini, Italy
- 19:15 General Discussion
- 19:30 Social Dinner

13 March 2009

I SESSION: ROS and DNA damage (I)

Chairpersons: E. Greco, Italy – G. Colpi, Italy

- 8:00/8:30 Selected oral presentations:
Apoptosis and sperm DNA fragmentation in infertile patients with Chlamydia and Mycoplasmas infection
S. Alvarez, Mexico
Inflammatory mediators induce apoptosis in ejaculated spermatozoa in vitro conditions
M. Fraczek, Poland
- 08.30 ROS induced damage and its clinical significance
J. Aitken, Australia
- 09.00 Diagnostic tests for monitoring scrotal hyperthermia
A. Ledda, Italy
- 09.30 Testicular hyperthermia and the pathways leading to DNA breakage
C. Wang, USA
- 10.00 Coffee Break

II SESSION: ROS and DNA damage (II)

Chairpersons: M. Maggi, Italy – M. Costa, Italy

- 10.30 Pathways of ROS generation in male germ cells: insights generated by proteomics
J. Aitken, Australia
- 11.00 Genital tract inflammation and its consequences on sperm DNA
A. Calogero, Italy
- 11.30 Antioxidants and sperm DNA damage
A. Zini, Canada
- 12.00 General Discussion
- 12:30 Closing remarks

Csilla Krausz
(Chairperson)

Giorgio Franco
Franz Lanzafame
Andrea Ledda
Paolo Sassone-Corsi

President

Vincenzo Gentile

Scientific
Committee