



**Hormones,
Body
composition and
Physical
performances**

**15-17 November 2002
Turin - Italy
Lingotto
Congress Center**

**GENERAL
INFORMATION**

Date and Workshop Venue
November 15 - 17, 2002
The workshop will be held at:
Lingotto Congress Center
Via Nizza, 280 - 10126 Turin (Italy)

Official Language
The official language of the workshop will be English.
No simultaneous translation will be provided.

CME Accreditation
Application for obtaining national and international
credit points has been already submitted.

For more information on Scientific Programme,
Abstract Submission, Registrations and
Logistics, visit the web site:

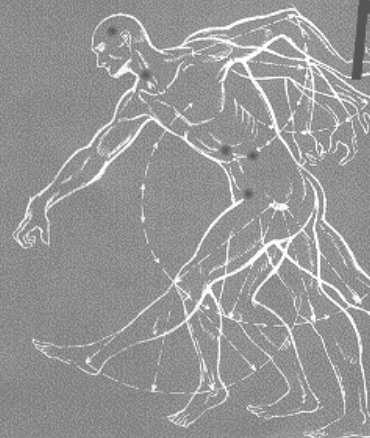
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**Looking forward
to meeting you
in Turin**

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SECOND ANNOUNCEMENT

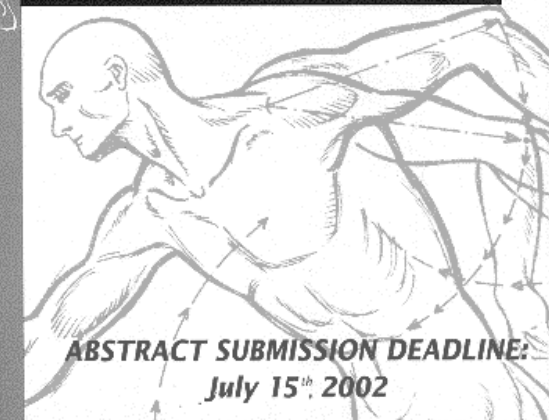
Under the auspices of



Italian Society of Pharmacology



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**ABSTRACT SUBMISSION DEADLINE:
July 15th 2002**

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Chairmen:

E. Ghigo (Italy) - G. Muccioli (Italy)
C.J. Strasburger (Germany) - J. Veldhuis (USA)

Presidents:

F. Camanni (Italy) - F. Di Carlo (Italy)

**Local Organizing
Committee:**

A. Angeli - L. Benso - F. Camanni - F. Di Carlo - M. Eandi - R. Fantozzi
K. Fonsatti - G.P. Ganzit - E. Ghigo - A.C. Levi - G. Muccioli - I. Viano

Scientific Secretariat:

<p>L. Gianotti and F. Lanfranco Division of Endocrinology and Metabolism Department of Internal Medicine University of Turin Ospedale Molinette - C.so Dogliotti, 14 10126 Torino - ITALY Phone: +39 011 6335601 Fax: +39 011 6647421 E-mail: laura.gianotti@unito.it</p>	<p>C. Ghè and F. Catapano Department of Anatomy, Pharmacology and Forensic Medicine University of Turin Via Pietro Giuria, 13 10125 Torino - ITALY Phone: +39 011 6707719 Fax: +39 011 6707788 E-mail: corrado.ghè@unito.it</p>
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Organizing Secretariat:

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Scientific Committee, Chairmen and Speakers:

<p>A. Attanasio (Italy) B.A. Bengtsson (Sweden) G. Benzi (Italy) S. Bhasin (USA) P.L. Canonico (Italy) M. Carruba (Italy) F.F. Casanueva (Spain) J.S. Christiansen (Denmark) V. Cuomo (Italy) A. Dal Monte (Italy) P. De Feo (Italy) C. Dieguez (Spain) G. Forti (Italy)</p>	<p>R.C. Gaillard (Switzerland) J. Isgaard (Sweden) W. Jelkmann (Germany) J. O. Jorgensen (Denmark) S.W.J. Lamberts (The Netherlands) G. Lombardi (Italy) A. Loucks (USA) A. Maggi (Italy) R. M. Malina (USA) E. Martino (Italy) F. Minuto (Italy) J. Monson (UK) E.E. Muller (Italy)</p>	<p>E. Nieschlag (Germany) R. Paoletti (Italy) A. Pinchera (Italy) P. Preziosi (Italy) A. Rogol (USA) R.J.M. Ross (UK) L. Saccà (Italy) F. Santeusano (Italy) S. Shalet (UK) P. Sonksen (UK) P. Strata (Italy) M. Tschoep (USA) A.J. Van der Lely (The Netherlands) A. Weltman (USA)</p>
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LECTURES

- Neuroendocrine pulsatility as function of age and gender. (J. Veldhuis - USA)
- Techniques assessing body composition: potentials and pitfalls. (B. A. Bengtsson - Sweden)
- Hormone use and abuse: what is the difference between hormones as fountain of youth in ageing and doping in sports? (S.W.J. Lamberts - The Netherlands)

SYMPOSIA

HORMONAL REGULATION OF BODY COMPOSITION	NEUROENDOCRINE AND METABOLIC RESPONSE TO EXERCISE	EXERCISE AND AGEING	EXERCISE AND ENDOCRINE PATHOLOGIES
<ul style="list-style-type: none"> • Gonadal steroids • Adrenal steroids • Thyroid Hormones • GH, IGF-I and GH-secretagogues 	<ul style="list-style-type: none"> • Exercise and metabolic fuels • Exercise, hormones and fluid homeostasis • Exercise and the hypothalamus-pituitary-adrenal axis • Exercise and the GH/IGF-I axis 	<ul style="list-style-type: none"> • Maternal nutrition, fetal weight, body composition and disease in later life • The developing child and physical exercise • Physical performances as function of age and gender in adults • Impact of physical exercise on the endocrine ageing 	<ul style="list-style-type: none"> • Athletic amenorrhea • Diabetes and exercise • Exercise, hormones and bone metabolism • Cardiovascular performances in endocrine diseases
EFFECT OF HORMONE REPLACEMENT ON METABOLISM AND PHYSICAL PERFORMANCES IN PATHOPHYSIOLOGICAL CONDITIONS	NEW INSIGHTS IN THE CONTROL OF FOOD INTAKE, BODY COMPOSITION AND HORMONE SECRETION: CORTISTATIN AND GHRELIN	HORMONAL PHARMACOLOGY: DOSE RELATED EFFECTS AND SIDE EFFECTS	HORMONES IN SPORT: METHODS FOR DISTINGUISHING HORMONE USE AND ABUSE
<ul style="list-style-type: none"> • Effects of androgens on body composition and performances in male hypogonadism • Effects of estrogens on body composition and performances in female hypogonadism • Effects of GH replacement in adult GH deficiency • Effects of GH, IGF-I and GH secretagogues in ageing 	<ul style="list-style-type: none"> • Endocrine and non-endocrine aspects of somatostatin and cortistatin • Interplay between ghrelin, somatostatin and cortistatin • Ghrelin and obesity • The role of the ghrelin/cortistatin system in insulin sensitivity 	<ul style="list-style-type: none"> • Natural and synthetic androgens • Natural and synthetic estrogens • GH, IGF-I, natural and synthetic secretagogues • Erythropoietin 	<ul style="list-style-type: none"> • The assay of natural and synthetic androgens • Indirect evidence suggesting hormone abuse: can it be proof of doping in sports? • Distinction between endogenous and exogenous erythropoietin • Distinction between endogenous and exogenous GH

ROUND TABLE

Provocation: this house believes that doping should be legalized.