THE 1st WORLD CONGRESS ON
GENDER-SPECIFIC MEDICINE
Men, Women and Medicine
A new view of the biology of sex/gender difference and aging
February 23-26 2006, Berlin, Germany
Endorsed by the Association for Gender-Specific Medicine

For more updates and on-line registration visit our website:
www.gendermedicine.com

Welcoming note from the Congress President:
"This unique meeting promises to be rich in new and exciting data. We are all delighted at the prospect of sharing this Congress with you and deeply appreciate your participation"

Prof. Marianne Legato
Congress President

Congress Program

Friday February 24, 2006 - Hall A

08:30-10:30  Gender-Specific Aspects of Cardiovascular Disease
Chairpersons: V. Regitz-Zagrosek, K. Schenck-Gustafsson

08:30-09:00  Physiological and functional differences of the heart and the cardiovascular system between the genders
V. Regitz-Zagrosek

09:00-09:30  Gender-specific aspects of the care of the patient with heart disease
K. Schenck-Gustafsson

09:30-10:00  Gender-specific features of the experience of coronary artery disease
M. J. Legato

10:00-10:30  Gender aspects of cardiovascular surgery
R. Hetzer

10:30-11:00  Coffee Break

11:00-13:00  Gender Medicine and Opening Address (Plenary Session)
Chairpersons: Z. Shoham, V. Regitz-Zagrosek

11:00-11:30  Welcome address by:
Professor Zeev Shoham, Congress Secretary, Director of Reproductive Medicine and Infertility Unit, Kaplan Medical Center, Rechovot, Israel
Harald Wolf, Senator for Economics, Labor and Women's Issues and Mayor of Berlin - substitute for
Klaus Wowereit, Governing Mayor of Berlin, Germany

Professor Dr. M. Paul, Dean, Charit? - University of Medicine, Berlin, Germany

11:30-12:00 Research as the portal to gender-specific medicine
V. W. Pinn, Congress (Honorary) President, Director, Office of Research on Women’s Health, NIH, USA

12:00-12:30 The new discipline of gender-specific medicine and the coming revolution in patient care
M. J. Legato, Congress President, Founder and Director of The Partnership for Gender-Specific Medicine, New York, New York, USA

12:30-13:00 Timesome: The Human Gender Clock-genes Interactome of Biological Time-keeping. Toward mapping and timing gender chrono-pharmacogenomic individualized medicine and therapy.
H. J. Bendayan, TheraClock Genomics International Project, Israel

13:00-14:00 Lunch Break

14:00-16:00 Gender and the Treatment of Disease
Chairpersons: K. Sandberg, R. Correa de Araujo

14:00-14:30 Gender disparities in health services provided for myocardial infarction and congestive heart failure
R. Correa-de-Araujo

14:30-15:00 Migraines – A feminine disease
R. Carasso

15:00-15:30 Hypertension and gender: Pathophysiology and treatment of gender differences in hypertension
I. Os

15:30-16:00 Renal disease in men and women: What protects women and makes men vulnerable?
K. Sandberg

16:00-16:30 Coffee Break

16:30-18:30 The Gender-Specific Experience of Pain
Chairpersons: Z. Weisenfeld Hallin, F. Al-Azzawi

16:30-17:00 Gender aspects of pain management
A. Holdcroft

17:00-17:30 Mechanisms of pelvic pain in women: Lessons for both sexes
K. Berkley

17:30-18:00 Gender, sex and chronic pain - clinical aspects
L. LeResche

18:00-18:30 Perception of pain in males and females
F. Al-Azzawi

Friday February 24, 2006 - Hall B

08:30-10:30 Immunology – The Role of Gender
Chairpersons: Y. Shoenfeld, E. Sternberg

08:30-09:00 The impact of gender on the mosaic of autoimmunity
Y. Shoenfeld
<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>09:00-09:30</td>
<td>Neural immune interactions in health and disease: Relevance to women's health</td>
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<td>E. Sternberg</td>
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<td>09:30-10:00</td>
<td>Multiple sclerosis as a predominantly female immune-mediated disease</td>
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<td>A. Miller</td>
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<td>10:00-10:30</td>
<td>Sex differences in allergy and immunology</td>
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<td>J. Chihara</td>
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<td>10:30-11:00</td>
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<td>13:00-14:00</td>
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<td>14:00-14:30</td>
<td>The Impact of Biological Sex/Gender on Metabolism</td>
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<td>Chairpersons: K. Sherif, K. S. Korach</td>
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<td>14:30-15:00</td>
<td>Gender-specific treatment of the diabetic patient: Can we minimize risk factors in fetal programming?</td>
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<td>I. Raz</td>
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<td>15:00-15:30</td>
<td>Polycystic ovary syndrome: The intersection of sex hormones and metabolic diseases</td>
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<td>K. Sherif</td>
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<td>15:30-16:00</td>
<td>Estrogen receptor insensitivity: Consequences in endocrine physiology</td>
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<td>K. S. Korach</td>
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<td>16:00-16:30</td>
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<td>16:30-18:00</td>
<td>Gender and Dermatology</td>
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<td>Chairperson: S. Brenner, J. Lipozencic</td>
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<td>16:30-17:00</td>
<td>Gender differences in dermatology: Adam and Eve - forever different</td>
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<td>S. Brenner</td>
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<td>17:00-17:30</td>
<td>Contact allergy: The impact of gender and occupation</td>
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<td>J. Lipozencic</td>
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<td>M. Worm</td>
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**Saturday February 25, 2006 - Hall A**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:30-10:30</td>
<td>Gender and Sexual Function</td>
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<td>Chairpersons: J. Bancroft, G. Kopernik</td>
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<tr>
<td>08:30-08:55</td>
<td>Gender differences in the brain’s response to pheromones</td>
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<td>I. Savic</td>
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<td>08:55-09:20</td>
<td>The reductionistic journey of the Y chromosome during the last 300 million years</td>
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<td>S. Werner</td>
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<td>09:20-09:45</td>
<td>Androgens and sexual function and dysfunction in men and women</td>
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<td>J. Bancroft</td>
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</table>
09:45-10:05 Treatment of testosterone replacement therapy  
H. Behre
10:05-10:30 Gender differences in sexual function and dysfunction  
J. Bancroft
10:30-11:00 Coffee Break
11:00-11:30 Gender Medicine Around the World  
Chairperson: M. J. Legato
11:00-11:30 The impact of sex on human adaptation to space  
S. Mark
11:30-12:00 Gender-specific aspects of the burden of HIV/AIDS in South Africa - Communicable diseases  
I. LeRoux
12:00-12:30 Gender mainstreaming in health  
S. Ross
12:30-13:00 Gender medicine: The public health perspective  
A. Rieder
13:00-14:00 Lunch Break
14:00-16:00 Gender and Aging  
Chairpersons: Z. Dolev, G. Samsioe
14:00-14:30 The aging heart and stress  
K. Brixius
14:30-15:00 Menopause and andropause: What can we add?  
G. Samsioe
15:00-15:30 Gender differences in three generations at risk for major depression  
M. Weissman
15:30-16:00 Exercise as an alternative approach to improve quality-of-life of aging men and women  
M. Matsuda
16:00-16:30 Coffee Break
16:30-18:30 Free Communication  
Chairpersons: C. Tei, B.D. Johnson
16:30-16:45 Prehospital gender bias in coronary angiography referral  
A. Bader, A. Chwosta, D. Mussahaser, M. Hochleitner
16:45-17:00 Metabolic and life-style risk factors for coronary artery disease: Age variation in gender gaps  
D. Hochner-Celnikier, O. Gotzman, R. Gofen, T. Chajek-Shaul, O. Manor
17:00-17:15 Is the relationship between depression and inflammatory markers modulated by coronary artery disease in women? The NHLBI-sponsored women's ischemia syndrome evaluation (WISE) study  
17:15-17:30 Gender differences and heritability of two indices of heart rate dynamics: A twin study  
J. F. Thayer, H. Snieder, L. J. P. van Doornen, D. Boomsma
17:30-17:45 Gender differences in mortality among nonagenarians undergoing coronary artery bypass procedures in
the United States: 1993-1999
J. H. Lichtman, Y. Wang, M. J. Radford, L. M. Brass, H. M. Krumholz

17:45-18:00 Sex and gender differences in outcome after coronary artery bypass surgery
F. Kendel, E. Lehmkuhl, V. Regitz-Zagrosek, R. Hetzer

18:00-18:15 Sex specific results are not reported in cardiology trials
L. A. Blauwet, S. N. Hayes, D. McManus, R. F. Redberg, M. N. Walsh

18:15-18:30 Large gender differences in cardiovascular risk and in willingness to take part in preventive activities call for action - results of the Polish 400 cities project
I. Mogilnaya, T. Zdrojewski, L. Wierucki, K. Narkiewicz, T. Grodzicki, A. Januszewicz, J. Guszek, B. Wyrzykowski

Saturday February 25, 2006 - Hall B

08:30-10:30 The Gender-Specific Brain
Chairpersons: J. A. Gustafsson, N. Azad

08:30-09:00 The aging brain: Is there really a gender difference?
A. R. Genazzani

09:00-09:30 Sleep apnea and gender: Lessons from studying women
A. Day

09:30-10:00 Risk factors and gender-specific dementia
N. Azad

10:00-10:30 Estrogen receptors in the brain
J. A. Gustafsson

10:30-11:00 Coffee Break

11:00-13:00 The Role of Testosterone in the Metabolic Syndrome in Men
Chairpersons: F. Saad, M. Hanefeld

11:00-11:30 The metabolic syndrome - common soil for diabetes and cardiovascular disease
M. Hanefeld

11:30-12:00 Is there a link between testosterone and metabolic syndrome? From epidemiology to treatment
F. Saad

12:00-12:30 Testosterone and the cardiovascular system
T. H. Jones

12:30-13:00 Testosterone and erectile function and dysfunction
A. Yassin

13:00-14:00 Lunch Break

14:00-16:00 Gender-Specific Aspects of Drug Metabolism and Addiction
Chairpersons: S.I. Tashiro, A. Day

14:00-14:30 Gender-related differences in pharmacokinetics and pharmacodynamics
P. Thuermann
14:30-15:00 The consequences of smoking and gender: Understanding the shifting landscape
A. Day

15:00-15:30 Powering drugs for women: Pharmacological insight into Kampo
S. I. Tashiro

15:30-16:00 Why the low-dose contraceptive pill in Japan
K. Amano

16:00-16:30 Coffee Break

16:30-18:30 Free Communication
Chairpersons: K.J. Breeck, A.M. Nobelius

16:30-16:45 Basis of gender differences in migraine and temporomandibular pain
R. M. Klein, K. M. A. Welch, N. E. J. Berman

16:45-17:00 Epidemiology of sex differences in musculoskeletal pain
H. A. H. Wijnhoven, H. C. W. de Vet, H. S. J. Picavet

17:00-17.15 Gendered Military Medicine Issues - the Canadian Experience
K. J. Breeck

17:15-17:30 Emotional, physical, and sexual abuse and abuse in health care: Prevalence and current suffering in samples of Swedish female and male patients
K. Swahnberg, B. Wijma

17:30-17:45 Physical and psychosocial risk factors at work in relation to musculoskeletal symptoms: Is there a gender difference?
W. E. Hooftman, A. J. van der Beek, P. M. Bongers, W. van Mechelen

17:45-18:00 Making gender-specific medicine Mainstream: introducing of Gender Competence to medical education
A.M. Nobelius

18:00-18:15 Gender, psychosocial factors and coronary risk
S. Knox, G. Weidner, C. Ellison

18:15-18:30 The effects of education on pregnant women in Tehran 2004
M. Robatjazi

Saturday February 25, 2006 - Hall c

14:00-16:00 Free Communication
Chairpersons: K. Schenck-Gustafsson, T. Lagro-Janssen

14:00-14:15 Gender and nausea: Psychological and biological mechanisms in pathogenesis and treatment
S. Klosterhalfen, P. Enck

14:15-14:30 "Is the principle of perfect equality’ between the two sexes sufficiently implemented? The example of female patients with eating disorders
M. Langenbach, C. Subic-Wrana

14:30-14:45 Sex differences in help-seeking behavior in urinary incontinence in the elderly
T. Lagro-Janssen, D. Teunissen
14:45-15:00  Sexuality and gender in hypertension  
N. Thierry, M. Springer-Kremser

15:00-15:15  Analysis of the risk of gender bias in medicine  
G. Risberg, E. E. Johansson, K. Hamberg

15:15-15:30  Incorporating attention to gender equity in the work of local research ethics committees in Europe: A case study of ethical review practices  

15:30-15:45  Gender differences in cardiovascular risk: Testing the impact of androgen exposure and the Y chromosome using human experiments of nature  
R. C Bell, S. Gerard

15:45-16:00  Sexual dimorphic nature of epigenetic and environmental interactions during CNS development  
E. M. Sajdel-Sulkowska, M. G. Baxter

16:00-16:30  Coffee Break

16:30-16:45  Gender-specific aspects of antihypertensive therapy on sexual function in women  
J. Strametz-Juranek

16:45-17:00  Gender modifies the relationship between weight increase during adult life and fasting plasma glucose in obese-overweight subjects  

17:00-17:15  Metabolic syndrome, prevalence and prediction of cardiovascular events in Spanish adult population  

17:15-17:30  Prevalence of hypercholesterolemia in Japan  
K. Yoshida, M. Suka, K. Yamauchi

17:30-17:45  The effects of changes in testosterone level on the development of metabolic syndrome  

17:45-18:00  Gender differences in heart failure  
V. Regitz-Zagrosek

18:00-18:15  Gender-related effects of chronic non-malignant pain and opioid therapy on plasma levels of macrophage migration inhibition factor (MIF)  
A. M. Aloisi, G. Pari, I. Ceccarelli, L. Paulesu

18:15-18:30  Association of estrogen receptor beta gene polymorphism with menopausal symptoms  
C. Takeo, K. Amano, E. Negishi, A. Nakajima, K. Ueno, I. Tatsuno, Y. Saito, A. Hirai

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Sunday February 26, 2006 - Hall A

08:30-10:30  The Lung: Development, Malignancy and Gender  
Chairpersons: A. Day, C. F. Caracta
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<tr>
<td>08:30-09:00</td>
<td>Gender differences in cancer</td>
<td>I. Ernberg</td>
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<td>09:00-09:30</td>
<td>Sex differences in response to treatment and emerging therapies in the treatment of lung cancer</td>
<td>C. F. Caracta</td>
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<td>09:30-10:00</td>
<td>Asthma in men and women: Two different diseases?</td>
<td>A. Day</td>
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<td>Androgens and glucocorticoids in the developing lung: Gender-specific delay in synthesis between male and female</td>
<td>Y. Tremblay</td>
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<td>11:00-13:00</td>
<td>Building a Gender-Specific Medical Center: Pointers and Pitfalls</td>
<td>Moderator: M. J. Legato</td>
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<td>Round Table Discussants:</td>
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<td>V. Regitz-Zagrosek</td>
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<td>S. Phillips</td>
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**Sunday February 26, 2006 - Hall B**

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<th>Time</th>
<th>Topic</th>
<th>Chairpersons: K. Schenck-Gustafsson, G. C. Di Renzo</th>
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<tr>
<td>08:30-10:30</td>
<td>The impact of sex on illness</td>
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<td>08:30-09:00</td>
<td>Stress and gender</td>
<td>S. M. Kopp</td>
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<td>09:00-09:30</td>
<td>Pregnancy outcome: Is there any difference depending on the gender of the fetus?</td>
<td>G. C. Di Renzo</td>
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<td>09:30-10:00</td>
<td>Chronic fatigue with a gender-perspective in the Swedish twin registry</td>
<td>B. Evengard</td>
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<td>10:00-10:30</td>
<td>The clinical feature of coronary heart disease in women</td>
<td>H. Kawano</td>
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<td>Coffee Break</td>
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<td>Building a Gender-Specific Medical Center: Pointers and Pitfalls – Plenary Session (Hall A)</td>
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