

**Postmenopausal osteoporosis: today and tomorrow  
(state of the art and perspectives)  
Siena (Italy), April 16-17, 1999**

**Auditorium del Centro Didattico  
Nuovo Policlinico "Le Scotte"  
Via Le Scotte, 2**

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**Friday, April 16, 1999 - Morning**

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08.30      Opening ceremony

**Session I - EPIDEMIOLOGY/PATHOPHYSIOLOGY**

Chairmen:    **C. Gennari** (Siena, I)  
                 **C. Donati Sarti** (Perugia, I)

09.00      **N. Arden** (Southampton, UK)  
                 The epidemiology of osteoporosis

09.30      **J.C. Stevenson** (London, UK)  
                 Pathophysiology (estrogens)

10.00      **R. Rizzoli** (Ginevra, CH)  
                 The determinants of peak bone mass

10.30      Coffee break

**Session II - DIAGNOSIS**

Chairmen:    **C. Christiansen** (Ballerup, DK)  
                 **C. Nappi** (Naples, I)

11.00      **H.K. Genant** (San Francisco, USA)  
                 Bone densitometry with Dual X-ray Absorptiometry (DXA)

11.30      **M. Gambacciani** (Pisa, I)  
                 The use of quantitative bone ultrasonometry in climacteric women

12.00      **R. Civitelli** (St. Louis, USA)  
                 Clinical use of bone markers in osteoporosis

12.30      **O. Johnell** (Malmö, SW)  
                 Bone fractures: global evaluation of risk

13.00      Lunch

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**Friday, April 16, 1999 - Afternoon**

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**Session III - THERAPY**

- Chairmen: **P.G. Crosignani** (Milan, I)  
**P.J. Meunier** (Lyon, F)
- 16.00 **P.J. Meunier** (Lyon, F)  
Role of Ca and Vitamin D in osteoporosis
- 16.30 **C. Christiansen** (Ballerup, DK)  
Calcitonin
- 17.00 **F. Petraglia** (Udine, I)  
Hormone replacement therapy and osteoporosis
- 17.30 **P. Sismondi** (Turin, I)  
Estrogens and oncological risk
- 18.00 **M.G. Modena** (Modena, I)  
Estrogens and cardiovascular system

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### Saturday, April 17, 1999 - Morning

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#### Session IV - THERAPY

- Chairmen: **A.R. Genazzani** (Pisa)  
**G. Crepaldi** (Padova)
- 08.30 **M.L. Brandi** (Florence, I)  
Selective estrogen receptor modulators (SERMs)
- 09.00 **D. Agnusdei** (Florence, I)  
Raloxifene
- 09.30 **R. Nuti** (Siena, I)  
Active metabolites of Vitamin D
- 10.00 **S. Adami** (Verona, I)  
Bisphosphonates in osteoporosis
- 10.30 Coffee break

#### Session V - PERSPECTIVES

- Chairmen: **J.C. Stevenson** (London, UK)  
**N. D'Antona** (Siena, I)
- 11.00 **G. Mazzuoli** (Rome, I)  
Bone anabolic agents
- 11.30 **A.R. Genazzani** (Pisa, I)  
New options and strategies for the treatment of postmenopausal women
- 12.00 **C. Gennari** (Siena, I)  
The economics of osteoporosis prevention
- 12.30 Closing remarks
- 13.00 Lunch

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*Post-menopausal osteoporosis is a skeletal pathology of a social nature that has reached alarming epidemiological proportions in the Western world in recent years. Fractures due to post-menopausal osteoporosis are one of the major causes of morbidity and fatalities among elderly women. The incidence of these fractures is increasing every year, also as a consequence of the gradual lengthening of life expectancy. This factor, that is more pronounced among women than among men, will determine an aging of the population with a consequent increase in the incidence of geriatric pathologies, like osteoporosis. In recent years, intense scientific interest has focused on the problem of osteoporosis and this has led to significant progress in the area of diagnostics as well as in treatment. In view of the rapidity with which much information has come to light, opportunities for verification, discussion and cultural exchanges among the experts are particularly useful.*

*This is the background for the International Symposium to be held in Siena on April 16th and 17th. It will bring together some of the greatest national and international experts on the subject, in an effort to focus the discussion on a number of significant aspects:*

- updated epidemiological data on the current situation*
- the latest information on the physio-pathological mechanisms of the disease*
- the most valid and reliable methods of diagnostics for the identification of patients at high risk for fractures*
- the effectiveness and limitations of the existing therapies and new possible therapeutic approaches*
- the pharmaco-economic aspects of osteoporosis.*

*This will make it possible to draw up an overall picture of current knowledge in the field of post-menopausal osteoporosis and will provide an exchange of ideas and information among the experts and the physicians who have to combat this silent epidemic.*

*Prof. Carlo Gennari / Prof. Andrea R. Genazzani  
Chairmen of the Symposium*

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### **Under the Auspices of**

International Society of Gynecological Endocrinology  
Società Italiana di Osteoporosi  
Società Italiana di Ginecologia della Terza Età  
Società Italiana di Ginecologia e Ostetricia  
Società Italiana Menopausa

### **Presidents of the Meeting**

Carlo Gennari	Andrea R. Genazzani
Istituto di Clinica Medica	Clinica Ostetrica e Ginecologica
Università degli Studi - Siena (Italy)	Università degli Studi - Pisa (Italy)

### **Scientific Committee**

G. Crepaldi, M. Passeri, C. Nappi, N. D'Antona, P.G. Crosignani

### **Scientific Secretariat**

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