

## **Tampere Meeting, May 2000**

### **Biology of Bone Formation**

BMP-SIGNALLING

Peter ten Dijke, Netherlands Cancer Institute, The Netherlands.

### **Nutritional Factors and Skeletal Health**

HYPOVITAMINOSIS D: DEFINITION, PREVALENCE AND PREVENTION

Malachi J. McKenna, Dublin, Ireland

### **Diagnosis of Osteoporosis**

DIAGNOSIS OF OSTEOPOROSIS USING BONE DENSITOMETRY

Heikki Kröger, Kuopio, Finland

FRACTURE RISK STRATIFICATION

Huibert A.P. Pols, Rotterdam, The Netherlands

MOLECULAR MARKERS OF BONE TURNOVER IN THE PREDICTION AND DIAGNOSIS OF OSTEOPOROTIC BONE LOSS AND FRACTURES

Markus J. Seibel, Heidelberg, Germany

### **Skeletal Development**

FLEXIBLE PROGENITORS AND HARD TISSUES

Paolo Bianco, Università dell'Aquila, Italy

### **Osteoporosis: Different Sex - Different Disease**

EPIDEMIOLOGY OF OSTEOPOROTIC FRACTURES: RECENT TRENDS AND PREDICTION FOR THE FUTURE

Pekka Kannus, Tampere, Finland

UNRESOLVED ISSUES IN OSTEOPOROSIS IN MEN

Ego Seeman, Melbourne, Australia

### **Regulators of Bone Cell Function**

ROLE OF INTERLEUKIN 18 IN BONE METABOLISM

Matthew Gillespie, Melbourne, Australia

### **Cancer and Metastatic Bone Disease**

NOVEL THERAPEUTIC APPROACHES TO OSTEOLYTIC METASTASIS

Gregory Mundy, San Antonio, USA

## OSTEOBLASTIC BONE METASTASES: NEW INSIGHT INTO MECHANISMS RESPONSIBLE FOR BONE FORMATION

Theresa A. Guise, San Antonio, USA

### **Osteoclasts and Bone Resorption**

#### THE MOLECULAR MECHANISM OF OSTEOCLASTOGENESIS: ODF/RANKL-DEPENDENT AND INDEPENDENT PATHWAYS

Tatsuo Suda, Tokyo, Japan

#### INITIAL EVENTS OF BONE RESORPTION

Alberta Zamboni Zallone, Italy

### **Biology of Extracellular Matrix**

#### EXTRACELLULAR MATRIX MACROMOLECULES WITH ROLES IN SKELETAL TISSUE STRUCTURE AND INTEGRITY

Dick Heinegård, Lund University, Sweden

### **Steroids and Bone**

#### BIOLOGICAL ROLE OF ER $\alpha$ AND ER $\beta$

Jan-Åke Gustafsson, Huddinge, Sweden

#### MECHANISM OF ANDROGEN ACTION

Albert O. Brinkmann, Rotterdam, The Netherlands

#### TISSUE SELECTIVITY OF SERMs

Pirkko Härkönen, Turku, Finland

### **Prosthetic Loosening**

#### BONE RESORPTION IN PROSTHETIC LOOSENING: PARTICLES, PRESSURE AND BISPHOSPHONATES

Per Aspenberg, Lund, Sweden

#### NITRIC OXIDE (NO) IN PROSTHETIC LOOSENING AND BONE CELL FUNCTION

Mika V.J. Hukkanen, Helsinki, Finland

#### BISPHOSPHONATES IN THE PREVENTION OF BONE LOSS AND ASEPTIC LOOSENING FOLLOWING TOTAL HIP ARTHROPLASTY

Mark J. Wilkinson, Sheffield, UK

### **Osteocytes and Bone Loading**

#### THE ROLE OF THE OSTEOCYTE IN INITIATING BONE REMODELLING

Lynda F. Bonewald, San Antonio, USA

MECHANOSENSITIVITY OF OSTEOCYTES AND OSTEOBLASTS

Lance E. Lanyon, London, UK

### **Treatment of Osteoporosis**

MANAGEMENT OF POSTMENOPAUSAL OSTEOPOROSIS: THE PRESENT AND THE FUTURE?

Juliet E. Compston, Cambridge, UK