

## **Maastricht Meeting, May 1999**

### **CELL BIOLOGY, OSTEOBLASTS**

CBFA1: A REGULATOR OF OSTEOBLAST DIFFERENTIATION AND FUNCTION  
Gerard Karsenty, USA

BIOSYNTHESIS, TARGETING, ASSEMBLY AND ACTIVITIES OF SKELETAL REGULATORY FACTORS  
Jane Lian and Gary Stein, USA

### **PATHOGENESIS OF OSTEOPOROSIS**

ENVIRONMENTAL MODULATORS OF BONE MINERAL MASS ACCUMULATION  
Philippe Bonjour, Switzerland

### **CANCER AND BONE**

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Gregory Mundy, USA

BISPHOSPHONATES FOR TUMOR BONE DISEASE: CURRENT STATUS AND PERSPECTIVES  
Jean Jaques Body, Belgium

### **PROTEASES**

MATRIX METALLOPROTEASE ACTIVATION CASCADE RELEVANT TO CARTILAGE DEGRADATION  
Vera Knäuper, UK

### **OSTEOPOROSIS AND TREATMENT**

FRACTURE RISK PREDICTION AND ANTIRESORPTIVE THERAPIES  
Pierre Delmas, France

### **CELL BIOLOGY, OSTEOCLASTS**

BONE RESORPTION AND THE OSTEOCLAST CYTOSKELETON: ROLE OF SRC, CBL, AND CALCITONIN REGULATION  
Roland Baron, USA

### **HORMONES AND CYTOKINES**

INTEGRIN ANTAGONISTS AND OTHER NEW OSTEOCLAST INHIBITORS  
Mike Horton, UK

### **METABOLIC BONE DISEASES**

PAGET'S DISEASE OF BONE: CLINICAL, PATHOGENETIC AND THERAPEUTIC ASPECTS

Socrates Papapoulos

## **HOT STUFF**

HIGHLIGHTS AND RESEARCH DIRECTIONS

Gideon Rodan, USA

## **MINI-SYMPOSIA:**

### **MOLECULAR MECHANISMS INVOLVED IN BONE AND TOOTH DEVELOPMENT**

THE ROLE OF PAX1 AND PAX9 IN SKELETAL DEVELOPMENT.

Rudi Balling, et al, Germany

THE ROLE OF PTHRP AND INDIAN HEDGEHOG (IHH) AND THEIR RECEPTORS IN ENDOCHONDRAL BONE FORMATION.

Hank Kronenberg, USA

GENES AND TISSUE INTERACTIONS INVOLVED IN TOOTH DEVELOPMENT.

Irma Thesleff, et al, Finland

### **ANDROGENS AND BONE**

ANDROGEN EFFECTS ON BONE: ANIMAL MODELS.

Dirk Vanderschueren, Belgium

ROLE OF ANDROGENS FOR THE ADULT MALE SKELETON.

Eric Orwoll, USA

BONE METABOLISM IN MALE-TO-FEMALE AND FEMALE-TO-MALE TRANSSEXUALS.

Paul Lips, The Netherlands

ROLE OF RELATIVE HYPOGONADISM IN MALE SENILE OSTEOPOROSIS.

Jean-Marc Kaufman, Belgium

### **MECHANOTRANSDUCTION**

MECHANOSENSORY TRANSDUCTION IN CAENORHABDITIS ELEGANS.

Martin Chalfie, USA

MECHANOTRANSDUCTION IN ENDOTHELIAL CELLS.

Rudi Busse, Germany

MECHANOTRANSDUCTION IN BONE CELLS.

Jade Chow, UK

### **GENETIC ANALYSIS OF COMPLEX TRAITS**

STATISTICAL ASPECTS AND CONSIDERATIONS OF GENETIC ANALYSIS, IN PARTICULAR OF COMPLEX DISEASES.

Lodewijk Sandkuijl, The Netherlands

NEW TECHNIQUES TO DISSECT COMPLEX TRAITS.  
Jeff van Ness, USA

QUANTITATIVE TRAIT LOCUS FOR BONE MINERAL DENSITY ON CHROMOSOME 1P36.  
Loretta Spotila, USA