Tampere Meeting, May 2000

Biology of Bone Formation

BMP-SIGNALING
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 Zambonin 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 ERa AND ERb
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

NITRIX 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