

Introduction

Osteoporosis in men

E.S. Orwoll

Oregon Health Sciences University, Portland, OR, USA

Keywords: Men, Osteoporosis, Androgen, Estrogen, Genetics

The second session is a companion to the first. The first session is devoted primarily to gender differences in the skeleton and especially to how gender affects the material properties, structure and size of bone. To complement the discussion of gender, and to focus on men and osteoporosis, the second session will consider the character of osteoporosis in men and new developments in the interaction of sex steroids and bone. Speakers include Drs. Cauley and Rosen.

Dr. Cauley will consider the issue of the determinants of osteoporosis and fracture risk in men. Although the data available are fewer than those concerning women, recent

information provides a much greater understanding of the field, Are there gender differences in the character or causation of osteoporosis? **Dr. Cauley** will also use ethnicity to highlight the potential reasons for group differences in fracture rates.

Dr. Rosen will focus on the new field of selective androgen receptor modulators. Androgens are thought to be an essential part of the development of gender differences in the skeleton as well as in the maintenance of skeletal integrity in adults. Can the effects be used to advantage in a manner that selectively preserves the positive actions of androgens but minimizes disadvantages?