

.....

# Contents

## **VII Foreword**

Savage, M.O. (London)

## **IX Preface**

Hochberg, Z. (Haifa)

### **1 Introduction. Rickets – Past and Present**

Hochberg, Z. (Haifa)

### **14 Normal Mineral Homeostasis. Interplay of Parathyroid Hormone and Vitamin D**

Levine, M.A. (Baltimore, Md.)

### **34 Maternal, Fetal and Neonatal Vitamin D and Calcium Metabolism during Pregnancy and Lactation**

Weisman, Y. (Tel-Aviv)

### **50 Vitamin D Receptor**

Yamada, S.; Shimizu, M.; Yamamoto, K. (Tokyo)

### **69 The Rachitic Bone**

Rauch, F. (Montréal)

### **80 Imaging of Rachitic Bone**

States, L.J. (Philadelphia, Pa.)

### **93 Vitamin D Deficiency Rickets**

Shaw, N.J. (Birmingham)

### **105 Calcium-Deficiency Rickets**

Thacher, T.D. (Jos)

- 26 Hypophosphatemic Rickets**  
Drezner, M.K. (Madison, Wisc.)
- 56 Vitamin D Biosynthesis and Vitamin D 1 $\alpha$ -Hydroxylase Deficiency**  
Miller, W.L.; Portale, A.A. (San Francisco, Calif.)
- 75 Hereditary 1,25-Dihydroxyvitamin D-Resistant Rickets**  
Malloy, P.J.; Feldman, D. (Stanford, Calif.)
- 100 Rickets in Transgenic Animals**  
Carmeliet, G.; Van Cromphaut, S.; Maes, C.; Raemaekers, T.; Bouillon, R. (Leuven)
- 120 Rickets in Developing Countries**  
Bereket, A. (Istanbul)
- 133 Prophylactic Vitamin D Supplementation**  
Calikoglu, A.S.; Davenport, M.L. (Chapel Hill, N.C.)
- 159 Consensus Development for the Supplementation of Vitamin D in Childhood and Adolescence**  
Hochberg, Z. (Haifa); Bereket, A. (Istanbul); Davenport, M. (Chapel Hill, N.C.); Delemarre-Van de Waal, H.A. (Amsterdam); De Schepper, J. (Brussels); Levine, M.A. (Baltimore, Md.); Shaw, N. (Birmingham); Schoenau, E. (Cologne); van Coeverden, S.C. (Amsterdam); Weisman, Y. (Tel Aviv); Zadik, Z. (Rehovot) on behalf of the European Society for Paediatric Endocrinology (ESPE) Bone Club
- 283 Abbreviations**
- 285 Subject Index**