

.....

Contents

VII Preface

Trace Element Intake and Status

- 1 The Significance of Trace Elements for Human Health and Well-Being**
Sandström, B. (Frederiksberg)
- 8 Trace Element Intake in Europe: Safe and Adequate?**
van Dokkum, W. (Zeist)
- 18 Trace Element Deficiencies in Man**
Aggett, P.J. (Norwich)
- 29 Trace Element Bioavailability**
Fairweather-Tait, S.J. (Norwich)
- 40 Improvement of Trace Element Status Through Food Fortification: Technological, Biological and Health Aspects**
Hurrell, R.F. (Zürich)
- 58 Iodine Status of Austrian Children and Adolescents**
Elmadfa, I.; Koenig, J.S. (Vienna)
- 67 The Effects of Iron Supplementation on Cognitive Function in Infants and Children**
Abbott, R. (London)

**76 Effect of Zinc Supplementation on Children's Growth:
A Meta-Analysis of Intervention Trials**

Brown, K.H.; Peerson, J.M.; Allen, L.H. (Davis, Calif.)

84 Micronutrients, Minerals and Growth Control

Clausen, T.; Dørup, I. (Aarhus)

93 Zinc Metabolism during Pregnancy – Interactions with Vitamin A

Lønnerdal, B. (Davis, Calif.)

**103 Roles of Trace Metals in the Maturation, Activation and Effector
Functions of Immune Cells**

Failla, M.L. (Greensboro, N.C.)

Trace Elements and Chronic Disease

112 Excessive Intake of Iron and Mercury in Cardiovascular Disease

Salonen, J.T. (Kuopio)

127 Trace Elements and Cardiovascular Disease

Strain, J.J. (Coleraine)

141 Selenium and Cancer

Overvad, K. (Aarhus)

150 Trace Elements and Bone Metabolism

Cashman, K.; Flynn, A. (Cork)

165 Author Index

166 Subject Index