

Originals

- Competitive interaction of zinc and iron after venous and oral zinc administration in eutrophic children 185
M.F.R. Antunes, L.D. Leite, É.D.M. Rocha, N.J.N. Brito, M.C. França, C.A.B. Silva, M.G. Almeida, A.A. Rezende, J.S. Marchini and J. Brandão-Neto
-
- Comparison of the hair metals in obese children according to slim therapy 192
R.W. Wójciak, E. Mojs and M. Stanislawska-Kubiak
-
- Influence of cadmium and zinc on the innate immune response in mice infected with *Listeria monocytogenes* 196
S. Simonyte and R. Planciuniene
-
- The propagation of excitation in portal vein smooth muscle – evidence for coupled “Hot Spots” 202
R. Patejdl and T. Noack
-
- The content of aluminum in the hair of Yorkshire terrier dogs from the Warsaw area depending on sex, age and keeping conditions 209
T. Kosla and E.M. Skibniewska
-
- Assessment of fluoride exposure following application of toothpaste containing high concentration of fluoride 214
J. Opydo-Szymaczek and J. Opydo

- Influence of age on selenium status in the course of selenium supplementation 220
J. Kvicala, V. Zamrazil, J. Nemecek and V. Jiranek
-

- Effects of boron administration on hepatic steatosis, hematological and biochemical profiles in obese rabbits 225
A. Basoglu, N. Baspinar, A. Sagkan Ozturk and P. Peker Akalin

Proceedings 7th International Symposium on Trace Elements in Human: New Perspectives, October 13 – 15, 2009, Athens, Greece

- Selenium quantification and speciation in human spermatozoa: a description of present methods with a look at the future development 232
H. Bertelsmann, D. Behne, M. Hammadeh and A. Kyriakopoulos
-
- Selenium substitution during radiotherapy in head and neck cancer 235
J. Büntzel, O. Micke, M. Glatzel, U. Schäfer, D. Riesenbeck, K. Kisters, F. Bruns, K.G. Schönekaes, H. Dawczynski and R. Mücke
-
- Serum trace elements and brain atrophy in alcoholics 240
E. González-Reimers, C. Martín-González, L. Galindo-Martín, E. García-Valdecasas, I. Hernández-Betancor, C. Fernández-Rodríguez, P. Abreu-González and N. Fariña Gómez

Trace elements selenium and zinc as tumor markers in patients with advanced head and neck cancer 246

*J. Büntzel, U. Knolle,
A. Garayev, R. Mücke,
U. Schäfer, K. Kisters,
K.G. Schönekaes, R. Hunger,
F. Bruns, M. Glatzel and
O. Micke*

Selenium in oncology – an update 250

*O. Micke, L. Schomburg,
J. Buentzel, K. Kisters and
R. Muecke*

The effect of age and gender on the lithium content in rib bone of healthy humans 258

*S. Zaichick, V. Zaichick,
V. Karandashev, S. Ermidou-
Pollet and S. Pollet*

Trace elements in health and diseases: cancer/inflammation 262

*F. Atroshi, Th. Tallberg and
T. Westermarck*

Index