

Originals

- Light-induced induction of contractile dysfunction of smooth muscle during treatment with 5-aminolevulinic acid and Bay K 8644 – a possible alternative in tumor treatment 89

Imke Jaborg, Robert Patejdl, and Thomas Noack

- Spectroscopic and calorimetric investigation of interaction of chromium(III) malate complex with human serum albumin and apo-transferrin 96

Fang Li, Wei-wei Feng, Yun Feng, Jing Li, Ting Zhao, Min Zhang, Liu-qing Yang, and Xiang-yang Wu

- The effect of zinc on copper in rat kidney, liver, and in metallothionein in a dose-effect study 103

Shigeru Saito

- The assessment of the food restrictions on the iron status in animal models and human anorexia 108

Rafal W. Wojciak

- The comparison of the protective effect of zinc and selenite ions against cadmium induced changes of protein synthesis in mice organs 116

Inga Staneviciene, Rasa Bernotiene, and Ilona Sadauskiene

- The influence of vitamin C, vitamin E, and selenium supplementation on the heart and lens of streptozotocin diabetic rats 124

Ozlem Sacan, Hasan Basaraner, and Refiye Yanardag

- Age-related mineral status of females and males hair in human health risk assessment 131

Maria Długaszek, Wojciech Skrzeczanowski, and Mirosława Kaszczuk

Letter to the Editor

- Magnesium and blood pressure in critically ill 141

Klaus Kisters, Bernhard Gremmler, Faruk Tokmak, Uwe Gröber, and Martin Hausberg

- Book Review 142

Official Organ of the
"Society of Magnesium
Research" Germany

Official Organ of the
German Working Group
"Trace Elements and
Electrolytes in Radiation
Oncology" AKTE, Germany

Founded by
Heinz Zumkley

Editor-in-Chief
K.H. Rahn, Münster

Editors
W. Zidek, Berlin
K. Kisters, Heme

Associate Editors
K. Nomiya, Tochigi-Ken
O. Micke, Bielefeld
M. Hausberg, Karlsruhe



Dustri-Verlag Dr. Karl Feistle
www.clinnephrol.com
www.dustri.com