

## **Editorial: Acta Metallomica – a new journal**

Acta Metallomica – Metal Elements in the Environment, Medicine and Biology, hereafter referred to as “Acta Metallomica”, is now launched as a peer-reviewed journal under the auspices of the Romanian Academy. Acta Metallomica is a quarterly journal, started as a continuation of the series of symposia "Metal Elements in Environment, Medicine and Biology" (MEEMB), which took place under the auspices of the Timisoara and Cluj-Napoca Branches of the Romanian Academy as well as of the Biochemical Commission of the Romanian Academy, and for which the in extenso papers have been published in a series of volumes, starting with MEEMB - Tome I (1994). The contents of the symposium series, as well as full-text articles of the journal starting 2013, are available online freely, at the journal's homepage, <http://www.chem.ubbcluj.ro/acta-metallomica/>.

Acta Metallomica aims to publish new data as well as review papers at the interface of biology, biochemistry, chemistry, physics, medicine and environmental sciences, with the role of metals as a key underlining element. This includes, without limitations, metal ion toxicity and mechanisms thereof (including oxidative stress), homeostasis, bioaccumulation, pollution, catalysis and interaction with biologically relevant ligands, all viewed at scales varying from systemic, to supramolecular and further to atomic-level. The types of papers considered for publications include original research reports (without limitation on length), reviews, essays, and book reviews.

The MEEMB symposium series, organised originally by Profs. Petru Drăgan and Zeno Gârban at Timișoara under the auspices of the local branch of the Romanian Academy, had its first event in October 1993, with the first Proceedings volume published in 1994. This meeting drew from the experience of the organizers in their quality of Founding members of a “Working Group for Metal Research in Biological Systems” set up in Timișoara as early as 1979. These research interests, reflected also in the name of the symposium, precede the later-established concept of Metallomics – a concept now embedded in the official name of the new journal Acta Metallomica. As a reference, well-established entities related to the biological role of metals, such as the SBIC (international Society for Biological Inorganic Chemistry), or the JBIC (Journal of Biological Inorganic Chemistry), were founded in 1995 and 1996, respectively; the first edition of the reputed International Conference on Biological Inorganic Chemistry (ICBIC) was held in Florence in 1993.

Approximately 100 papers were contributed to the 1993 first edition of MEEMB, with guests from Russia, Ukraine, Moldova, Yugoslavia, Hungary, Germany, Denmark, England, USA, Poland and Venezuela. The international character of the meeting was maintained through the following editions, in 1994, 1996, 1998, 2000, 2002, 2004, 2006, 2008, 2009 and 2010. Since 2009, Radu Silaghi-Dumitrescu was recruited as a co-editor of the series, and the meetings

were held alternatively in Cluj-Napoca and Timișoara, now benefitting from the supervision of the local branches of the Romanian Academy in both cities.

In 2012, the Presidium of the Academy approved the decision to institute a journal, *Acta Metallomica*, that would cover the same topics as the MEEMB proceedings series, with the aim to draw on the interest expressed in this subject area and at the same time to allow for better integration into the mainstream currents of scientific knowledge at international level.

The Editorial Board would on this occasion like to acknowledge the contributions of the de facto founders of the journal – namely, professor Zeno Gârban, and the regretted professor Petru Drăgan. The contributions of other editors that contributed to the MEEMB series across the 20 years since 1993 are also acknowledged – Adina Avacovici, Corneliu Davidescu, Simona Drăgan, Gabriela Gârban, Aurel Lăzureanu, Nicolae Vaszilcsin, Iosif-Ion Gergen, Ioan Silaghi-Dumitrescu, Ludovic Sayti, Petru Negrea, George-Daniel Ghibu.

The current Editorial board of *Acta Metallomica* includes:

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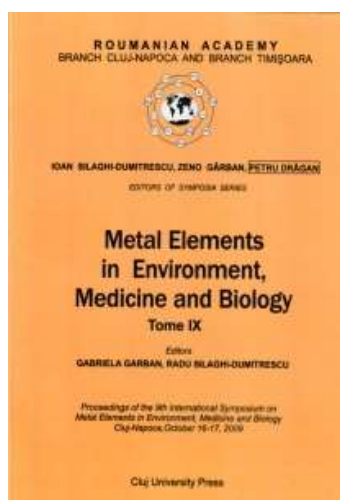
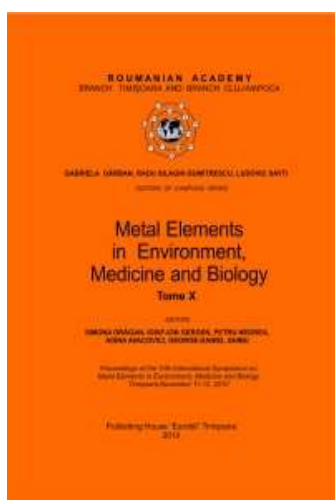
Prof. Jozsef KAIZER, PhD, University of Pannonia, Veszprem, Hungary

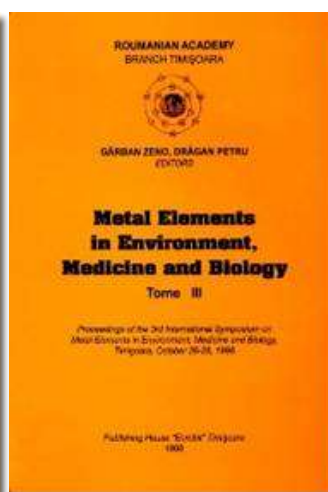
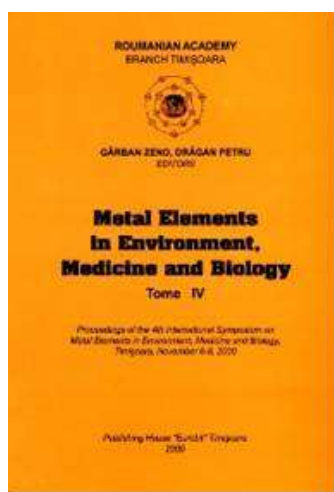
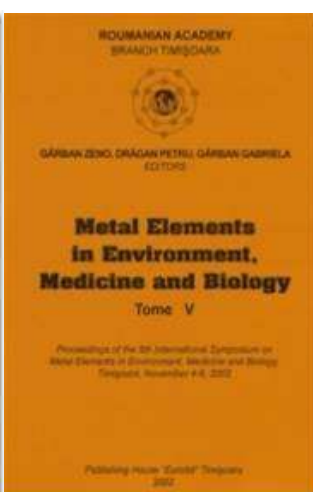
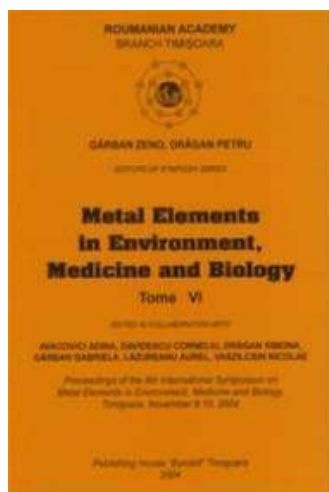
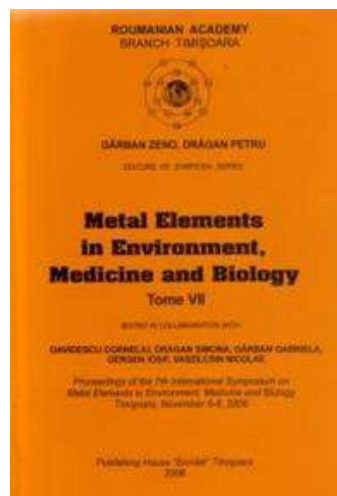
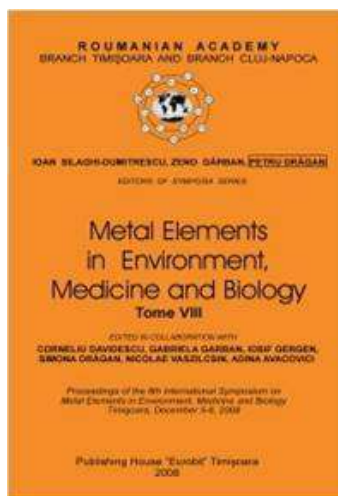
Technical secretary: Cristina Bischin, PhD, Department of Chemistry, „Babeș-Bolyai” University at Cluj-Napoca

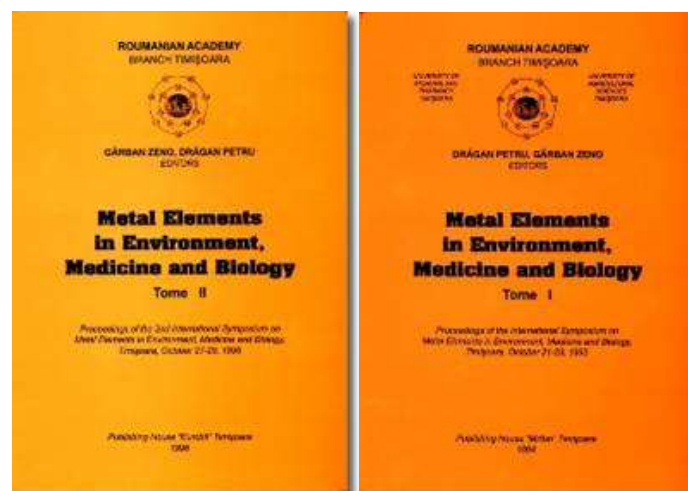
It is in this context that we invite contributions to the journal, not only from the traditional south-eastern / central European area of the MEEMB symposium series, but also from other parts of the world. Manuscripts can be submitted electronically at [meemb@chem.ubbcluj.ro](mailto:meemb@chem.ubbcluj.ro), and the editorial office is committed to fast and constructive evaluation of the manuscripts, via international peer-review. There will be no publication charges, even though the contents are open for unrestricted access online; print subscriptions are now available at the Publishing House of the Romanian Academy. Upon publication of this first issue, procedures are also beginning for indexing the journal in relevant international databases, including Thomson-Reuters, Scopus, Medline, Chemical Abstracts, and others.

Initial manuscript submission, without limitations on length within reasonable limits, can be made in any format; for the final accepted versions, usage of a template, available online on the above-mentioned journal webpage, is mandatory.

As a memento, shown below are the covers of the MEEMB proceedings, which from now on will be followed by issue XI(1) of Acta Metallomica - Metal Elements in the Environment, Medicine and Biology.







Cluj-Napoca, December 2013

