

INSTRUCTIONS TO AUTHORS

General. The journal "Trace Elements in Medicine" publishes reviews, original papers, methodical reports and short communications, which concerns the problems of analytical determination of chemical elements content of biological tissues, fluids or other biosubstances; methods of *in vivo* elemental analysis; experimental research in medicine of elementoses; study of chemical elements exchange in a living organism and a system "organism – environment"; physiological role of chemical elements; development and use of elemental drugs; hygienical and clinical diagnostics, treatment and prophylaxis of diseases, related to disturbances of chemical elements metabolism in humans and animals.

The journal accepts articles in English or Russian.

Size of articles is limited by the size of volume. However, the recommended size is: for short communications, book reviews, reports and letters – up to 5; for original papers — up to 15; for topical articles and reviews — up to 20 double spaced 12 pt typewritten A4 pages including tables and figures. The manuscripts should be written in IBM-compatible text processor format; submission via e-mail is preferable.

The manuscripts should contain the following details:

- Concise title;
- Complete name(s) of the author(s) in Latin transliteration;
- Full postal address(es) of (all) the author(s) in Latin transliteration; the address to which correspondence should

be sent must be marked and accompanied by e-mail address, if available;

- Keywords (no more than 8) in English;
- Short (200–250 words) summary in English;
- Text of the article with necessary illustrations;
- References.

Text of original papers should be structured by sections: *Introduction, Material and methods, Results, Discussion* (may be combined into *Results and Discussion*), *Conclusion*. Short communications and reviews admit of another structure, as expedient for adequate presenting of the material, however in the former case the above structuring is also preferable.

Title of the manuscript is generally not limited in length, but if it exceeds 110 characters, a short header should be additionally given.

Abstract must be informative and should briefly reflect main points of all sections of the manuscript.

Tables and figures should be accompanied by exhaustive headings and legends allowing to understand the illustrations without resort to the body text.

Numerical data should be presented in SI units except as otherwise traditionally used (see Table); the units should be unified in order wherever possible.

Tables. Each table should be presented on a separate page and numbered in Arabic numerals.

Quantity	Admissible units
Length	m (also mm, μm , nm etc.)
Volume	L (also mL, μL etc. – for liquids); m^3 (also dm^3 , cm^3 etc. – for gases and solid substances)
Mass	kg (also g, mg, μg etc.)
Molar mass	g/mol
Molecular mass	Da, kDa
Relative molecular mass (molecular weight)	dimensionless
Amount of substance	mol (mmol, μmol etc.)
Mass concentration	g/L (mg/L, $\mu\text{g/L}$ etc. – for liquids); g/m^3 (g/dm^3 , g/cm^3 etc. – for gases and solid substances)
Mass fraction	g/kg (mg/kg, $\mu\text{g}/\text{kg}$, mg/g, $\mu\text{g}/\text{g}$ etc., not %, mg%, mg/100g, ppm etc.)
Molar concentration	mol/L (mmol/L, $\mu\text{mol/L}$ etc.)
Thermodynamic temperature	K (not $^{\circ}\text{K}$)
Celsius temperature	$^{\circ}\text{C}$
Wavelength	nm (not μm , not \AA)
Density	g/cm^3
Pressure	Pa (kPa, MPa etc.); mm Hg (for body fluids)
Energy	J (kJ, MJ etc.); kcal (for food energy value)
Luminous intensity	cd

Figures. Line drawings, photos, maps, graphs must be suitable for scaling up to 20×28 cm size. Figures should be marked as "Fig." and numbered in Arabic numerals in order of its mentioning in the manuscript. Figures, grouped in tables, should be marked continuously with uppercase Latin letters within the table: each figure must have a separate letter. Some details of a figure may be additionally marked with lowercase Latin letters. Overall size of any illustration should not exceed 20×28 cm. An illustration should be composed within its rectangular area as tightly and evenly as possible, with no evident empty places.

Abbreviations. All the abbreviations, used in text, tables or figures, must be interpreted either after the first appearance or in the legend in alphabetical order. When shortening, units like microgram, micromole should be de-

noted as mcg, mcmol or μg , μmol ; use of abbreviations like ug, umol is not allowed.

References. All publications, mentioned in the manuscript, must be reflected in the reference list; each reference in the list must in turn be cited in the manuscript. Citations should appear in round brackets in Latin transliteration. Publications having more than two authors should be cited like (Reid et al., 1978). In the reference list titles of works, published in languages with non-Latin alphabet, should be translated in English, source names must be transliterated (e.g., Trudy Instituta Okeanologii), original language must be indicated at the end of reference (e.g., [in Chinese, with English summary]). All the references should contain complete list of authors, full titles and source names. Volumes and numbers of periodical issues should be cited without letters.

References should be listed according to the examples below:

Lasic D.D. Liposomes: From physics to application. Elsevier, Amsterdam–London–New York–Tokyo, 1993, 575p.

Suter P.M. The effects of potassium, magnesium, calcium and fiber on risk of stroke. *Nutr Rev.* 1999, 57(3):84-88.

Ward N.I. Quality control in trace element analysis of human and animal samples: Are we using poor data to evaluate nutritional, agricultural, clinical or biological problems? In: M. Anke et al. (eds.). *Trace Elements in Man and*

Animals – TEMA-8. Verlag Media Touristik, Dresden, 1993, 108-112.

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