

# ENVIRONMENTAL BIOTECHNOLOGY INSTRUCTIONS TO AUTHORS

Environmental Biotechnology deals with preservation and restoration of fauna, flora, and their environment. The utilisation of environmental biotechnology has significantly affected the world and will be one of the most valuable tools for improving the quality of life for future generations by providing cost effective mechanisms for preserving and restoring natural resources. Biotechnology will also revolutionise many industrial processes by providing the ability to produce energy and chemicals through green processes that will minimise the impact of industrial activities on the environment and reduce the world's dependence on non-renewable energy resources. It will also enable the use of biological systems for the remediation of contaminated water and soils that result from many anthropogenic activities. The journal is devoted to biotechnological processes that preserve, protect and restore nature, mainly:

- cytogenetic and molecular diagnostics of living and ancient organisms,
  - managing genetic variation of endangered species of flora and fauna,
  - gene banking and species restoration by means of genome engineering,
  - remediation in environmental protection,
  - genotoxicity of organic chemical compounds,
  - treatment of sewage, sewage sludge and solid wastes,
  - assessment of impact of engineering and biotechnological undertakings on the state and functioning of ecosystems.
- Our aim is to learn more about how to preserve and restore natural resources, applying modern science and technology and holding to the basic truth that nature is a complex, integrated system, functioning in ways that we intend to understand better.

**Declaration on the primary (original) source:** The printed edition of the *Environmental Biotechnology* (ISSN 1734-4964) is considered the original source of the journal. However, the Editorial Board also publishes an electronic copy of each volume (ISSN 2391-6095) on the official journal website.

## Categories of manuscripts that will be considered:

1. Research papers.
2. Review articles.
3. News, opinion, and responses for the Forum Column.
4. Book reviews.
5. Education and conference announcements and reports.
6. Advertisements.

**Manuscript Submission:** Manuscripts should be sent to the Editor-in-Chief: Dr. Pawel BRZUZAN, Department of Environmental Biotechnology, UWM in Olsztyn, Sloneczna 45G, 10-718 Olsztyn, Poland; E-mail: brzuzan@uwm.edu.pl.

**Manuscript Specifications:** Research papers should be organised as follows: Title page (1. title, 2. running head, author names and addresses at the time the work was conducted, and 4. authors' current addresses, telephone number, and E-mail address of the corresponding author); Abstract (not to exceed 250 words); Introduction; Material and Methods; Results; Discussion; Acknowledgements; References; Tables; Figure Legends; and Figures. Manuscripts must be in English.

Use SI units only. Linnean binomials are in italics in the text, as are names of genes. Protein products of genes are in roman. Isotopically-labelled compounds are as follows: <sup>3</sup>H-thymidine. Please submit to the Editorial office, a completed, signed Copyright Transfer with the final accepted manuscript.

Microsoft Word is preferred for manuscripts; PowerPoint is preferred for artwork but may not be used in text. Please be sure to keep a backup copy of the file for reference and safety.

**Citation of References:** Literature citations in text are in this form: (Avisé 1996; USEPA), for two authors: Jones and Jones (1996), and three or more authors: Deaker et al. (2004); Denton et al. (2002, 2003).

**Reference list:** References are cited in alphabetical order, but multiple works by an author should be cited in order of publication. The following citations illustrate the format for references; note that journal titles must be given in full:

- Avisé, J.C. 1996. Towards a regional conservation genetics perspective: phylogeography of faunas in the south-eastern United States. In: *Conservation Genetics: Case Histories from Nature* (ed. J.C. Avisé, J.L. Hamrick), pp. 431-470. Chapman & Hall, New York.
- Hallerman, E.M. (ed.). 2003. *Population Genetics: Principles and Applications for Fisheries Scientists*. 458 p. American Fisheries Society, Bethesda, Maryland.
- United States Environmental Protection Agency, Basic information about selenium in drinking water. [www.epa.gov](http://www.epa.gov), accessed November 15, 2011.
- Ward, R.D., M. Woodward, D.O.F. Skibinski. 1994. A comparison of genetic diversity levels in marine, freshwater, and anadromous fishes. *Journal of Fish Biology* 44: 213-227.

**Illustrations:** It must be possible to reduce all illustrations and lettering to 50% without loss of clarity or legibility.

**Photographs:** Lettering on all figures must be uniform, and of a size suitable for reduction. Magnification should be indicated by a bar. Colour figures that significantly enhance the article will be considered for publication.

**Figure Legends:** Figure legends must be typed. Figures must be numbered consecutively as they appear in the text. If a figure has been previously published, permission must be received in writing for its use regardless of authorship or publisher. Acknowledgement of the original source must be included at the end of the legend.

**Tables:** Tables should not duplicate any material in the text or illustrations. All tables with their headings should be typed on separate sheets of paper, and numbered in order of appearance in the text.

**Ethical issues:** It is assumed that with submission of an article to *Environmental Biotechnology*, the authors have met the requirements of their local institutional policies concerning the ethical treatment of experimental animals.

**Sequence Archiving:** All new DNA or protein sequences must be reported to Gen Bank or EMBL Database Library and the accession number must be given.

**Reviewers:** Primary papers, review papers and short communications will be peer reviewed. The identities of the reviewers will be kept confidential.

**Policy on Duplicate Publication:** Submission of a manuscript to *Environmental Biotechnology* implies that it has not been published previously, and it is not being considered for publication elsewhere. The authors must describe in a cover letter any data, illustrations, or text in the manuscript that have been used in other papers that are published, in press, or submitted. The inclusion of any previously published material must be justified to the editor, and if included, must be cited fully.