



EUROPEAN JOURNAL of BASIC MEDICAL SCIENCES

An International Peer-Reviewed Journal in the Field of Basic Medicine

www.ejbms.org

ISSN: 2146-5665

Aims and Scope

EUROPEAN JOURNAL of BASIC MEDICAL SCIENCES is an English multidisciplinary peer-reviewed medical journal publishing articles in the fields of BASIC MEDICAL SCIENCES. EUROPEAN JOURNAL OF BASIC MEDICAL SCIENCES is published quarterly (January, April, July and October) by the Society of Health Sciences Research, Turkey.

EUROPEAN JOURNAL of BASIC MEDICAL SCIENCES encourages submissions from all authors throughout the world. Manuscripts are judged by two experts solely on the basis of their contribution of original data, ideas and their presentation. All manuscripts must comply with Instructions to Authors. The following articles will be considered for publication: editorials, original and review articles, brief reports, letters to the editor, and book reviews.

Submitted manuscripts must not have been published, accepted for publication or be under consideration elsewhere. Investigation on human subjects should conform to the guidelines noted in the World Health Organization Chronicle 1976; 30: 360-362.

All articles will be critically reviewed by the editor and members of the editorial or advisory board of the journal within 2 months, but longer delays are sometimes unavoidable. Full details may be found in the section of Instructions to Authors at the end of this issue.

The free-full text of the journal is available from online system. Please visit the journal website (www.ejbms.org).



EUROPEAN JOURNAL of BASIC MEDICAL SCIENCES

An International Peer-Reviewed Journal in the Field of Basic Medicine

www.ejbms.org

INSTRUCTION TO AUTHORS

MANUSCRIPTS are received with the understanding that they are submitted solely to THE EUROPEAN JOURNAL OF BASIC MEDICAL SCIENCES®, that upon submission, they become the property of the Publisher, that the work has not been previously published, and that the data in the manuscript have been reviewed by all authors, who agree with the analysis of the data and the conclusions reached in the manuscript. The Publisher reserves copyright and renewal on all published material, and such material may not be reproduced without the written permission of the Publisher. Statements in articles are the responsibility of the authors. Only papers in English and Turkish will be considered for publication.

ADDRESS MANUSCRIPTS TO: Manuscripts should be submitted online at www.ejbms.org.

Please include the corresponding author's e-mail, phone and fax number. The cover letter should state the significance and uniqueness of the work in the authors' view. Several names and addresses of nonlocal experts may be suggested who, in the authors' view, could provide objective and informed reviews of their work. The names of investigators considered unlikely by the authors to give nonbiased reviews of their work also may be submitted. This request is honored.

Arrange the paper as follows: (1) title page, which should include the title, the full names and academic degrees of the authors, and the institution and city and state or city and country from which the work originated; (2) second title page, with only the title of the article (page not numbered); (3) abstract; (4) text; (5) acknowledgment; (6) references; (7) figure legends; (8) Number the title page as 1, abstract page as 2, and so forth. (Leave the second title page) Type on 22 X28 cm (8.5 X11 inch) paper, on 1 side only of each sheet, double-spaced (including references) with at least 25-mm (1-inch) margins.

The second title page, which omits the names and institutions of authors, gives the Editor in Chief the option of acquiring blinded or nonblinded reviews.

References to the institution in the text or to the author's previous work in the Reference section must be deleted or written in a manner that prevents identification of authors and institution. Label figures with the manuscript title rather than the authors' names so that blinded reviews can be solicited. Authors should state which type of review they wish in the cover letter.

TITLE PAGE AND ABSTRACT: For the complete title page, include the full first or middle and last names of all authors. List the institution and address from which the work originated, and provide information about grant support if necessary. If work described is supported by a grant from a pharmaceutical company, that fact should be stated on the title page. Add at the bottom the phrase, "Address for reprints:" followed by full name and address with zip code. Add a 2- to 6-word running head. Limit the abstract to 250 words. List 3 to 6 key words for subject indexing at the end of the abstract or Brief Communication.

STYLE: Use appropriate subheadings throughout the body of the text, such as Methods, Results, and Discussion. Tables, figures, and references should be mentioned in numerical order throughout manuscript. Abbreviations are permitted, but no more than 3 per manuscript, and then they must be used on every page of the manuscript after they are initially spelled out (followed by the abbreviation) in both abstract and introduction. Abbreviations are usually limited to terms in the manuscript's title. Use generic names of drugs. Do not spell out any number, including those less than 10, except when used for opening a sentence, but try not to begin sentences with numbers. Use symbols for less than (<), greater than (>) and percent (%). Indent paragraphs except the first one in both abstract and introduction. Consult the Uniform Requirements for Manuscripts Submitted to Biomedical Journals, published in *N Engl J Med* 1991; 324: 424-428.

TRADE NAMES Non-proprietary (generic) names of products should be used. If a brand name for a drug is used, the British or International non-proprietary



EUROPEAN JOURNAL of BASIC MEDICAL SCIENCES

An International Peer-Reviewed Journal in the Field of Basic Medicine

www.ejbms.org

(approved) name should be given. The source of any new or experimental preparation should also be given. **REFERENCES:** References should be limited to those relating directly to the content of the paper. List all authors, year, volume, and inclusive pages for all journal references, and specific page numbers for all book references as shown below. Do not use periods after authors' initials or after abbreviations for titles of journals. Check Index Medicus or N Engl J Med 1991; 324: 424-8 as cited above for journal titles and abbreviations. Personal communications and unpublished observations do not constitute references, but may be mentioned within the text. Please note that all authors should be listed when six or less; when seven or more, list only the first three and add et al. Please do not use the footnote or endnote functions in your word processing program.

Journal: Vikse BE, Aasard K, Bostad L, Iversen BM. Clinical prognostic factors in biopsy-proven benign nephrosclerosis. *Nephrol Dial Transplant* 2003; 18: 517-23.

Chapter in Book: Davison AM, Cameron JS, Grünfeld JP, Kerr DNS, Ritz E, Winerals CG. Oxford Textbook of Clinical Nephrology. In Williams G, ed. *Mesangiocapillary glomerulonephritis*. New York: Oxford University Press, 1998: 591-613.

Book: Danovitch GM. *Handbook of Kidney Transplantation*. Boston: Little, Brown and Company (Inc.), 1996: 323-8

FIGURES: Patients shown in photographs should have their identity concealed or should have given their written consent to publication. Submit written permission from the publisher and author to reproduce any previously published figures. Limit figures to the number necessary to present the message clearly. Do not use 3-D features and unnecessary gray shadings on simple bar charts. Identify at the end of each legend and in alphabetical order all abbreviations in the figure. The cost of color reproduction must be paid by the author.

TABLES: Place each table on a separate page, typed double-spaced. Number each table in Arabic numerals (Table 1, 2, etc.) and title each table. Identify in alphabetical order at the bottom of the table all abbreviations used. When tabulating numbers of patients, use no more than 2 lines, preferably only 1 line, per patient. Use a plus sign (+) to indicate "positive" or "present," a zero (0) for "negative" or "absent," and a dash (-) for "no information available" or "not done." Do not use "yes" or "no" or "none." Footnote symbols must appear in this order: *, **, #, ¶, †, ‡, §, ||, ¶ etc.

BRIEF COMMUNICATIONS: These should be limited to no more than 6 text pages (those before the references but including the title page) and 20 references. An abstract is not required. Subheadings are not used. Provide a summary sentence at the end.

READERS' COMMENTS: The author who submits a "letter" should provide a cover letter on his/her own stationery to the Editor in Chief stating why the letter should be published. The letter (as well as references) should be typed, double-spaced, on a separate sheet of plain white paper and limited, with few exceptions, to 2 pages. Submit the original and 2 copies. A title for the letter should be provided at the top of the page. At the end of the letter, the writer's full name, city, state and country should be provided. The author's title and institution should not be included. A letter concerning a particular article in the *Journal* must be received within 3 months of the article's publication.

REPRINTS: Price schedules and order cards for reprints are mailed to the author upon publication of the article. Individual reprints must be obtained through the author.

PERMISSIONS: All inquiries regarding copyright material from this publication should be directed to Health Sciences Research Society

EUROPEAN JOURNAL of BASIC MEDICAL SCIENCES

An International Peer-Reviewed Journal in the Field of Basic Medicine



www.ejbms.org

Information for Subscribers

Subscription for 4 issues (one year)

Locations	Institutional Price	Individual Price
All countries except Europe and Turkey	USD 80.00	USD 40.00
European countries	EUR 60.00	EUR 30.00
Turkey	TL 100	TL 50

Single copy of the journal is EUR 15.00
All prices include postage and handling.

Subscription Address

Subscription Department
Kürşat Uzun, M.D.
European Journal of Basic Medical Sciences
N.E.Ü. Meram Tıp Fak. Göğüs Hast. AD,
Konya, Turkey
E-mail: uzunkur@yahoo.com

Bank: TC.Vakıflar Bankası, Konya Tıp Şubesi, Türkiye (Turkey Vakıfbank)
Branch: Konya Medical Faculty Branch, Turkey
Account Name: Sağlık Bilimleri Araştırmaları Derneği)

Account Numbers:

IBAN NO: 110001500158007290483757
Hesap No: 00158007290483757

Postmaster:

Please send change of address to the subscription department.

Business Correspondence and Advertisement Booking

All matters relating to general enquiries and advertisement booking should be addressed to:

Advertisement Department
Haluk Dülger, M.D.
European Journal of Basic Medical Sciences
N.E.Ü. Meram Tıp Fakültesi
Biyokimya AD, Konya, Turkey
E-mail: halukdulger@yahoo.com

Copyright and Photocopying

All reproduction, adaptation, translation rights, even partly, is strictly forbidden for all countries. Copyright © 2011 by the Health Sciences Research society, Konya, Turkey. In order to photocopy any work from this publication, you or your organization must obtain permission from the following organization, which has been delegated for copyright for clearance by the copyright owner of this publication.

Health Sciences Research Society
Kürşat Uzun, M.D.
European Journal of Basic Medical Sciences
N.E.Ü. Meram Tıp Fak. Göğüs Hast. AD,
Konya, Turkey
E-mail: uzunkur@selcuk.edu.tr

Printed by Selcuk University Press.

Copyright © 2011, Health Sciences Research Society.

All rights reserved.

ISSN: 2146-5665

EUROPEAN JOURNAL of BASIC MEDICAL SCIENCES

An International Peer-Reviewed Journal in the Field of Basic Medicine

www.ejbms.org

EDITOR-IN-CHIEF

Haluk Dülger

ASSOCIATE EDITORS

Hasan Serdar Gergerlioğlu Kürşat Uzun Halil Kıyıcı

EDITORIAL BOARD

Anatomy

Amir Afshin Khaki, Iran
Osman Sulak, Turkey
İsmihan İlnur Uysal, Turkey
Kağan Üçok, Turkey
İsmail Zararsız, Turkey

Biochemistry

Haluk Dülger, Turkey
Aysel Kıyıcı, Turkey
Recep Sütçü, Turkey
Aysun Toker, Turkey
Hüseyin Vural, Turkey

Biophysics

Riad Al-kasasbeh, Jordan
Şefik Dursun, Turkey
Metin Tulgar, Turkey

Genetics

Beyhan Cengiz, Turkey
Esra Gündüz, Turkey
Mehmet Gündüz, Turkey
Ömer Faruk Hatipoğlu, Japan
Nadir Kocak, Turkey
Ercan Kurar, Turkey
Davut Pehlivan, USA
Kürşad Oğuz Yaykaşlı, Turkey

Histology

Murat Aktan, Turkey
Nurettin Cengiz, Turkey
Ender Erdoğan, Turkey
Alparslan Gökçimen, Turkey

Medical Biology

H. Ramazan Yılmaz, Turkey

Medical Education

Francesco Carelli, Italy
Erol Gürpınar, Turkey
Nazan Karaoğlu, Turkey
Yeşim Yiğiter Şenol, Turkey
Natalia Zarbailov, Moldova

Microbiology and Immunology

Zübeyir Altuntaş, USA
Zafer Çetinkaya, Turkey

Pathology

Nurşadan Gergerlioğlu, Turkey
Halil Kıyıcı, Turkey
Süleyman Özen, Turkey
Hatice Toy, Turkey

Pharmacology

Harun Alp, Turkey
Nurulloğlu Atalık, Turkey
A Tuncay Demiryürek, Turkey
Hanefi Özbek, Turkey
Hasan Basri Ulusoy, Turkey

Physiology

Cahit Bağcı, Turkey
Muaz Belviranlı, Turkey
Sinan Canan, Turkey
Ebru Çetin, Turkey
Nazmi Çetin, Turkey
Hasan Erdoğan, Turkey
Osman Genç, Turkey
Hasan Serdar Gergerlioğlu, Turkey
Hakkı Gökbek, Turkey
Hakan Mollaoğlu, Turkey
Fehmi Özgüner, Turkey
Halil Taşkın, Turkey

Statistical Editor

Said Bodur, Turkey

EUROPEAN JOURNAL of BASIC MEDICAL SCIENCES

An International Peer-Reviewed Journal in the Field of Basic Medicine

www.ejbms.org

Eur J Basic Med Sci 2013;3(1)

CONTENTS

ORIGINAL ARTICLES

- The Effects of Melatonin and Endothelin-A Receptor Antagonist BQ-123 in Exposed to Smoke in Rat Renal Tissue*** 1
Hasan Erdogan, Fatih Ekici, Huseyin Aslan, Birsen Ozyurt, Filiz Erdogan, Omer Atis
- Paraoxonase1 55 and 192 Gene Polymorphisms in an Egyptian Population with Diabetic Complications*** 9
Mohamed Abdel-Halem Helaty, Ehab El-Said Abdel-Khalek, Hala A. Abdel-Hafez, Eman Fathi Ibrahim, Ahmed Wafa Soliman, Eid Mohamed Daoud, Zakaria Fawzy Lotfy
- The Benefits of Regular Physical Activity on Hearing in Visually Impaired Adolescents*** 17
Serap Yildirim, Ramazan Yuksel, Songul Doganay, Mustafa Gul, Fatih Bingol, Senol Dane

LETTER

- An establishment of exo-erythrocytic stage of malaria parasite for ex-vivo study of sporozoiticidal*** 22
Sharma Supriya, Kumar Navin

EUROPEAN JOURNAL of BASIC MEDICAL SCIENCES

An International Peer-Reviewed Journal in the Field of Basic Medicine

www.ejbms.org

Eur J Basic Med Sci 2013;3(1)

İÇİNDEKİLER

ÖZGÜN ARAŞTIRMALAR

- Sigaraya Maruz Kalmış Sıçan Böbrek Dokusunda Melatonin ve Endotelin Reseptör Antagonisti BQ-123'ün Etkisi*** 1
Hasan Erdogan, Fatih Ekici, Huseyin Aslan, Birsen Ozyurt, Filiz Erdogan, Omer Atis
- Diyabetik Komplikasyonları Olan Mısır'lılarda Paraoksonaz1'in 55 ve 192 Gen Polimorfizmleri*** 9
Mohamed Abdel-Halem Helaty, Ehab El-Said Abdel-Khalek, Hala A. Abdel-Hafez, Eman Fathi Ibrahim, Ahmed Wafa Soliman, Eid Mohamed Daoud, Zakaria Fawzy Lotfy
- Görme Engelli Adolesanlarda Düzenli Fiziksel Aktivitenin İşitmeye Katkısı*** 17
Serap Yıldırım, Ramazan Yüksel, Songul Doganay, Mustafa Gul, Fatih Bingol, Senol Dane

EDİTÖRE MEKTUP

- Sporozoitlerin ex-vivo çalışması için sıtma parazitinin eritrosit dışı evresinin tespit edilmesi*** 22
Sharma Supriya, Kumar Navin