Chemotherapy
57(6) 449–520 (2011)

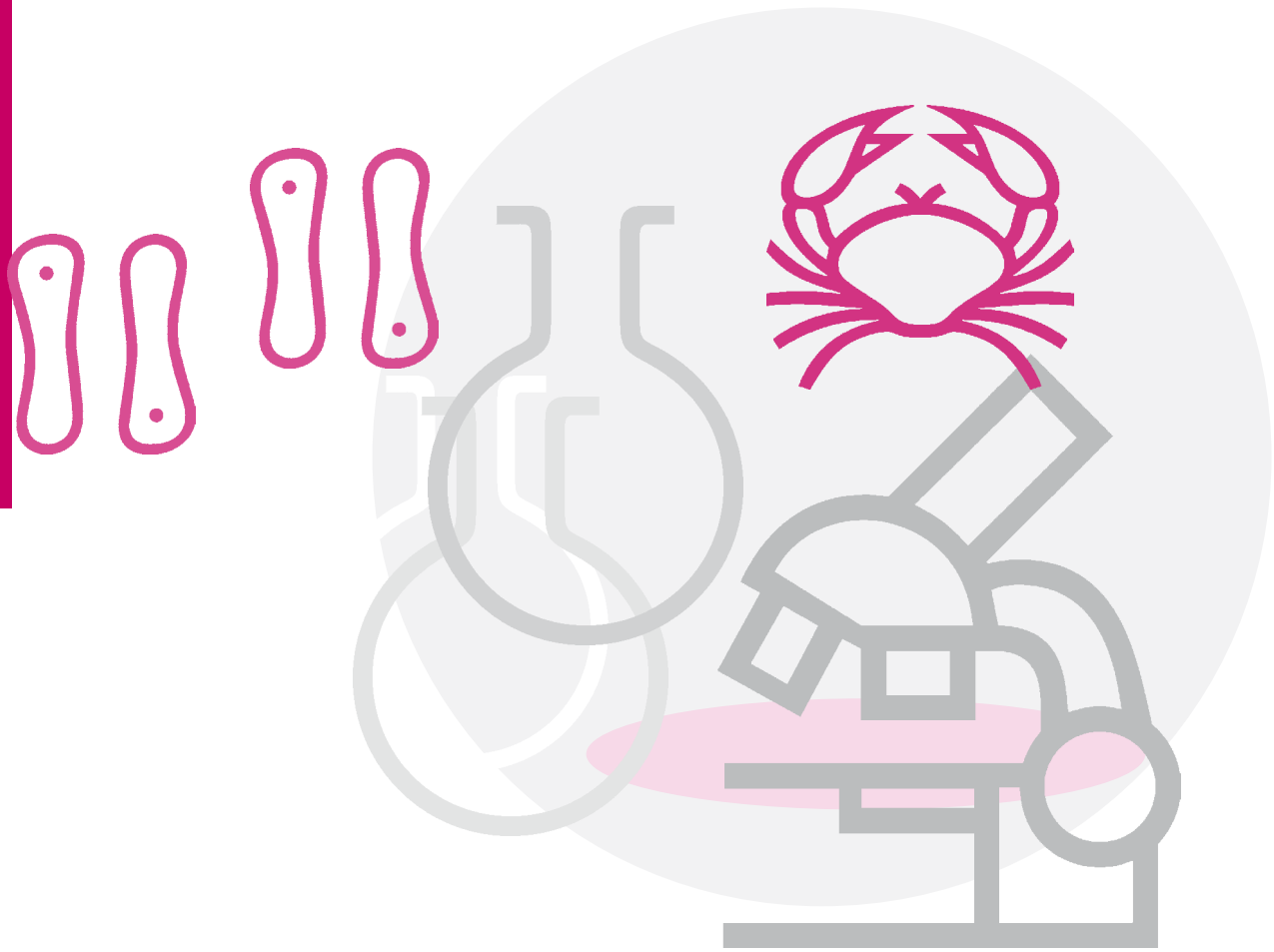
57 | 6 | 11

print
ISSN 0009–3157

online
ISSN 1421–9794

www.karger.com/che

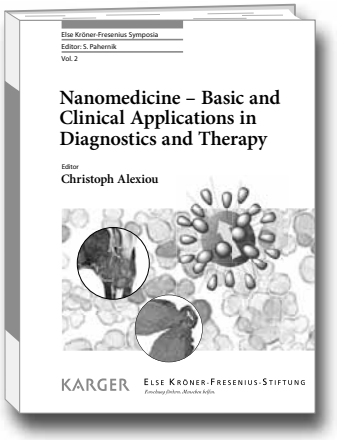
Chemotherapy



S. Karger
Medical and Scientific Publishers
Basel · Freiburg · Paris ·
London · New York ·
New Delhi · Bangkok · Beijing ·
Tokyo · Kuala Lumpur ·
Singapore · Sydney

KARGER

A meeting report of the 2nd international Else Kröner-Fresenius Symposium on Nanomedicine



Nanomedicine – Basic and Clinical Applications in Diagnostics and Therapy

Editor
Christoph Alexiou

Fields of Interest: Cell Biology; Molecular Biology; Oncology; Otorhinolaryngology

Nanomedicine – the application of nanotechnology to human health – is a promising field of research at the interface of physical, chemical, biological, and medical science. Recent advances have made it possible to analyze biological systems at cellular and subcellular levels, offering numerous promising approaches to improve medical diagnosis and therapy. It is expected that nanomedicine will have a great impact especially on drug delivery and imaging. In this context, the development of targeted, highly specific nanoparticles is of pivotal importance. The results of these advances will offer personalized diagnostic tools and treatments in the future.
Based on the 2nd Else Kröner-Fresenius-Symposium, this book presents a broad spectrum of topics ranging from nanoscale drug delivery/drug design to nanotoxicity and from diagnostics and imaging to therapeutic applications including antibody therapies. The contributions are authored by leading experts in the field and provide an excellent overview of the current knowledge in nanomedicine. Due to the interdisciplinary nature of the subject area this volume will be of special interest to physicians, biologists, chemists, engineers, and physicists as well as to students in the respective fields.

Contents

www.karger.com/ekfsy

KI 11241

Else Kröner-Fresenius Symposia, Vol. 2
Series Editor: Pahernik, S. (Heidelberg)
ISSN 1663–0114

Nanomedicine – Basic and Clinical Applications in Diagnostics and Therapy
Editor: Alexiou, C. (Erlangen)
VIII + 202 p., 80 fig., 56 in color, 11 tab.,
hard cover, 2011
CHF 79.– / EUR 66.– / USD 93.00
Prices subject to change
EUR price for Germany, USD price for USA only
ISBN 978–3–8055–9818–7
e-ISBN 978–3–8055–9819–4

KARGER

Order Form

Please send: ____ copy/ies

Postage and handling free with prepayment

Payment:
Please charge to my credit card
☐ American Express ☐ Diners ☐ Eurocard
☐ MasterCard ☐ Visa

Card No.: _____

Exp. date: _____

CVV/CVC _____
(3 digits in the signature field on the back of Visa and MasterCard)

☐ Check enclosed ☐ Please bill me

Orders may be placed with any bookshop, subscription agency, directly with the publisher or through a Karger distributor.

Fax: +41 61 306 12 34

S. Karger AG, P.O. Box, CH–4009 Basel (Switzerland)
E-Mail orders@karger.ch, **www.karger.com**

Name/Address:

Date: _____

Signature: _____

Paul Ehrlich
1854–1915

The founder of chemotherapy

Chemotherapy

International Journal of Experimental and Clinical Chemotherapy

Founded 1959 as 'Chemotherapia' by H.P. Kuemmerle and P. Rentchnick
Continued by H. Schönfeld (1968–2001)

KARGER

Printed in Switzerland
on acid-free and non-aging
paper (ISO 9706) by
Reinhardt Druck, Basel

Appears bimonthly:
1 volume per year
(6 issues)

Chemotherapy

Guidelines for Authors

Submission

Only original papers written in English are considered for publication. **Manuscripts should be submitted to 'Chemotherapy' online.** For specific instructions on how to prepare a manuscript for submission, you are encouraged to view the guidelines at **www.karger.com/che,** where you will also find a link to the **Submission Website.** Names, postal and e-mail addresses of four experts in the appropriate area of research should accompany each manuscript. Selected scientist(s) will be invited to act as referee(s). Referees suggested should not be from the same institution as the author and should have expert knowledge of the subject. Should you have any problems with your submission, please contact:

Prof. F. Sörgel
S. Karger AG
Editorial Office 'Chemotherapy'
P.O. Box
CH–4009 Basel (Switzerland)
Tel. +41 61 306 1361
Fax +41 61 306 1434
E-Mail che@karger.ch

Mailing address for courier deliveries only:

Allschwilerstr. 10
CH–4055 Basel (Switzerland)

Conditions

All manuscripts are subject to editorial review. Manuscripts are received with the explicit understanding that they are not under simultaneous consideration by any other publication. Submission of an article for publication implies the transfer of the copyright from the author to the publisher upon acceptance. Accepted papers become the permanent property of 'Chemotherapy' and may not be reproduced by any means, in whole or in part, without the written consent of the publisher. It is the author's responsibility to obtain permission to reproduce illustrations, tables, etc. from other publications.

Arrangement

Title page: The first page of each paper should indicate the title, the authors' names, the institute where the work was conducted, and a short title for use as running head.

Full address: The exact postal address of the corresponding author complete with postal code must be given at the bottom of the title page. Please also supply phone and fax numbers, as well as e-mail address.

Key words: Please supply 3–10 key words in English that reflect the content of the paper.

Abstract: **Each paper needs an abstract of up to 150 words structured with subheadings as follows: Background, Methods, Results, Conclusion(s).**

Footnotes: Avoid footnotes. When essential, they are numbered consecutively and typed at the foot of the appropriate page.

Tables and illustrations: Tables and illustrations (both numbered in Arabic numerals) should be prepared on separate sheets. Tables require a heading and figures a legend, also prepared on a separate sheet. For the reproduction of illustrations, only good drawings and original photographs can be accepted; negatives or photocopies cannot be used. Due to technical reasons, figures with a screen background should not be submitted. When possible, group several illustrations on one block for reproduction (max. size 180 × 223 mm) or provide crop marks. Electronically submitted b/w half-tone and color illustrations must have a final resolution of 300 dpi after scaling, line drawings one of 800–1200 dpi.

Color illustrations
Online edition: Color illustrations are reproduced free of charge. In the print version, the illustrations are reproduced in black and white. Please avoid referring to the colors in the text and figure legends.
Print edition: Up to 6 color illustrations per page can be integrated within the text at CHF 800.– per page.

References: In the text identify references by Arabic numerals [in square brackets]. Material submitted for publication but not yet accepted should be noted as 'unpublished data' and not be included in the reference list. The list of references should include only those publications which are cited in the text. Do not alphabetize; number references in the order in which they are first mentioned in the text. The surnames of the authors followed by initials should be given. There should be no punctuation other than a comma to separate the authors. Preferably, please cite all authors. Abbreviate journal names according to the Index Medicus system. Also see International Committee of Medical Journal Editors: Uniform requirements for manuscripts submitted to biomedical journals (www.icmje.org).

Examples
(a) Papers published in periodicals: Sun J, Koto H, Chung KF: Interaction of ozone and allergen challenges on bronchial responsiveness and inflammation in sensitised guinea pigs. Int Arch Allergy Immunol 1997;112:191–195.
(b) Papers published only with DOI numbers:
Theoharides TC, Boucher W, Spear K: Serum interleukin-6 reflects disease severity and osteoporosis in mastocytosis patients. Int Arch Allergy Immunol DOI: 10.1159/000063858.
(c) Monographs: Matthews DE, Farewell VT: Using and Understanding Medical Statistics, ed 3, revised. Basel, Karger, 1996.
(d) Edited books: Parren PWHI, Burton DR: Antibodies against HIV-1 from phage display libraries: Mapping of an immune response and progress towards antiviral immunotherapy; in Capra JD (ed): Antibody Engineering. Chem Immunol. Basel, Karger, 1997, vol 65, pp 18–56.

Reference Management Software: Use of EndNote is recommended for easy management and formatting of citations and reference lists.

Digital Object Identifier (DOI)

S. Karger Publishers supports DOIs as unique identifiers for articles. A DOI number will be printed on the title page of each article. DOIs can be useful in the future for identifying and citing articles published online without volume or issue information. More information can be found at www.doi.org.

Supplementary Material

Supplementary material is restricted to additional data that are not necessary for the scientific integrity and conclusions of the paper. Please note that all supplementary files will undergo editorial review and should be submitted together with the original manuscript. The Editors reserve the right to limit the scope and length of the supplementary material. Supplementary material must meet production quality standards for Web publication without the need for any modification or editing. In general, supplementary files should not exceed 10 MB in size. All figures and tables should have titles and legends and all files should be supplied separately and named clearly. Acceptable files and formats are: Word or PDF files, Excel spreadsheets (only if the data cannot be converted properly to a PDF file), and video files (.mov, .avi, .mpeg).

Author's Choice™

Karger's Author's Choice™ service broadens the reach of your article and gives all users worldwide free and full access for reading, downloading and printing at www.karger.com. The option is available for a one-time fee of CHF 3000.–, which is a permissible cost in grant allocation. More information can be found at www.karger.com/authors_choice.

NIH-Funded Research

The U.S. National Institutes of Health (NIH) mandates under the NIH Public Access Policy that final, peer-reviewed manuscripts appear in its digital database within 12 months of the official publication date. As a service to authors, Karger submits the final version of your article on your behalf to PubMed Central. For those selecting our premium Author's Choice™ service, we will send your article immediately upon publishing, accelerating the accessibility of your work without the usual embargo. More details on NIH's Public Access Policy is available at http://publicaccess.nih.gov/FAQ.htm#a1

Self-Archiving

Karger permits authors to archive their pre-prints (i.e. pre-refereeing) or post-prints (i.e. final draft post-refereeing) on their personal or institution's servers, provided the following conditions are met: Articles may not be used for commercial purposes, must be linked to the publisher's version, and must acknowledge the publisher's copyright. Authors selecting Karger's Author's Choice™ feature, however, are also permitted to archive the final, published version of their article, which includes copyediting and design improvements as well as citation links.

Page Charges

There is no page charge for papers of 4 or fewer printed pages (including tables, illustrations and references). Each additional complete or partial page is charged to the author at CHF 325.–. The allotted size of a paper is equal to approx. 12 manuscript pages (including tables, illustrations and references).

Proofs

Unless indicated otherwise, proofs are sent to the corresponding author and should be returned with the least possible delay. Alterations made in proofs, other than the correction of printer's errors, are charged to the author.

Reprints

Order forms and a price list are sent with the proofs. Orders submitted after the issue is printed are subject to considerably higher prices.

Photo on title page

Courtesy of the Paul-Ehrlich-Institut, Langen, Germany

KARGER

Fax +41 61 306 12 34
E-Mail karger@karger.ch
www.karger.com

The Guidelines for Authors are available at:
www.karger.com/che_Guidelines

Chemotherapy

ISSN Print Edition: 0009–3157
ISSN Online Edition: 1421–9794

Journal Homepage: www.karger.com/che

Publication Data: 'Chemotherapy' is published 6 times a year. Volume 57 with 6 issues appears in 2011.

Subscription Rates: Subscriptions run for a full calendar year. Prices are given per year.

Personal subscription:

Print or Online	Print+Online combined
CHF 1066.–	CHF 1114.–
EUR 789.50	EUR 825.50
USD 993.50	USD 1041.50

postage and handling (added to print and print+online)
CHF 39.30 Europe, CHF 58.50 Overseas
EUR 29.40
USD 54.60

Institutional subscription:

Print or Online	Print+Online combined
CHF 2132.–	CHF 2345.–
EUR 1579.–	EUR 1737.–
USD 1993.00	USD 2192.00

postage and handling (added to print and print+online)
CHF 49.20 Europe, CHF 73.20 Overseas
EUR 36.60
USD 68.40

Airmail surcharge: CHF 49.80 / USD 46.80

Back Volumes and Single Issues: Information on availability and prices of single print issues and print or electronic back volumes can be obtained from Customer Service at *service@karger.ch.*

Bibliographic Indices: This journal is regularly listed in bibliographic services, including *Current Contents®* and PubMed/MEDLINE.

Subscription Orders:
Orders can be placed at agencies, bookstores, directly with the Publisher

S. Karger AG
Medical and Scientific Publishers
P.O. Box
CH–4009 Basel
Switzerland
(for courier services only:
Allschwilerstrasse 10
CH–4055 Basel)
t: +41 61 306 11 11
f: +41 61 306 12 34
e: karger@karger.ch
w: www.karger.com

Change of Address:
Both old and new address should be sent to the subscription source.

or further Karger offices or representatives:

Germany
S. Karger GmbH
Postfach
79095 Freiburg
Deutschland
(Hausadresse: Wilhelmstrasse 20A,
79098 Freiburg)
t: +49 761 45 20 70
f: +49 761 45 20 714
e: information@karger.de
w: www.karger.de

Japan
Karger Japan, Inc.
Shiba Daimon Asahi Bldg. 2F
1-2-23 Shiba Daimon
Minato-ku
Tokyo 105-0012
Japan
t: +81 3 6435 6242
f: +81 3 6435 6244
e: publisher@karger.jp
w: www.karger.jp

USA
S. Karger Publishers, Inc.
26 West Avon Road
P.O. Box 529
Unionville, CT 06085
USA
Toll free: +1 800 828 5479
t: +1 860 675 7834
f: +1 860 675 7302
e: karger@snet.net

France
Librairie Médi-Sciences Sarl
36, bd de Latour-Maubourg
75007 Paris
France
t: +33 (0) 1 45 51 42 58
f: +33 (0) 1 45 56 07 80
e: librairie@medi-sciences.fr
w: www.medi-sciences.fr

Gulf Council Countries, Iran, Middle East, North Africa, Turkey
Trans Middle East International Distribution Co. Ltd.
KaSha
134 Queen Rania Al Abdullah Street
Jordan Trade Center Bldg. 3rd Floor
P.O. Box 2376
Amman 11953
Jordan
t: +962 6 515 3467
f: +962 6 515 3472
e: info@kasha.cc
w: www.KaShaonline.com

South East Asia, China and Taiwan
Karger Regional Office (Malaysia)
CEO Suite Kuala Lumpur
Quill 7, 27th Floor
Jalan Stesen Sentral 5
KL Sentral
Kuala Lumpur 50470
Malaysia
t: +60 3 2776 6803
f: +60 3 2776 6999
e: service@karger.cn; r.chew@karger.cn

Karger China
10th Floor, Twin Towers (East)
B12 Jianguomenwai Avenue
Beijing 100022
China
t: +86 10 5123 5033
f: +86 10 5123 5122
e: service@karger.cn; r.chew@karger.cn
w: www.karger.cn

India, Bangladesh, Sri Lanka
Medscience India
Plot No. 17, Yusuf Sarai Market
B.L. Glass Building, 2nd Floor
Sri Aurobindo Marg
New Delhi 110 016
India
t: +91 11 46029 633
f: +91 11 46029 634
c: +91 98 91052 128
e: medsci.india@gmail.com

15th International Congress on Infectious Diseases

BANGKOK, THAILAND • JUNE 13~16, 2012

Organized by the International Society for Infectious Diseases

In collaboration with the Infectious Disease Association of Thailand

For further information please contact:

Email: info@isid.org Web: http://www.isid.org

F12455

Contents

KARGER

Basel • Freiburg • Paris • London • New York • New Delhi • Bangkok •
Beijing • Tokyo • Kuala Lumpur • Singapore • Sydney

The Academy for Clinical Debates & Controversies in Medicine

CHEP

2ND WORLD CONGRESS ON

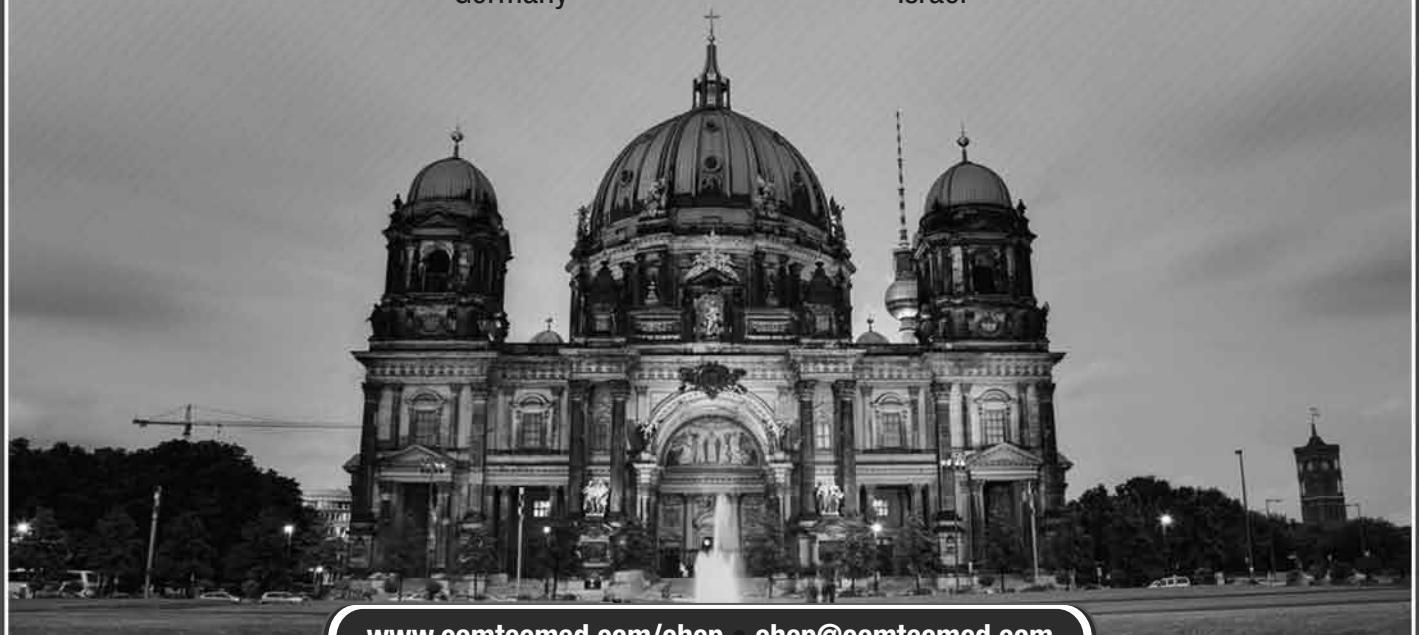
CONTROVERSIES IN THE MANAGEMENT OF VIRAL HEPATITIS

BERLIN, GERMANY • OCTOBER 18-20, 2012

CO-CHAIRPERSONS

Jürgen Rockstroh, MD
Germany

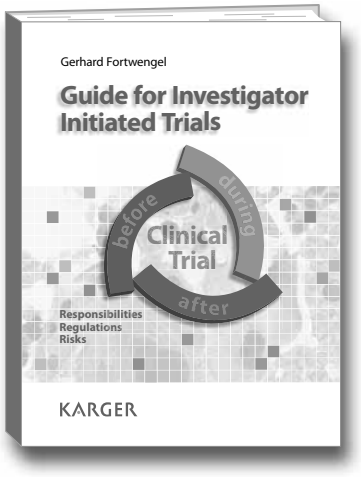
Jonathan M. Schapiro, MD
Israel



www.comtecmed.com/chep • chep@comtecmed.com

F12466

An essential manual for beginners and senior researchers alike



Guide for Investigator Initiated Trials

Editor
Gerhard Fortwengel

In collaboration with:
Isabel Böckler, Rafael Dymek, Sebastian Häckl, Alexander Hahn, Katrin Hertwig, Cynthia Kuhn, Birgit Lindner, Sarah Lütkens, Christoph Neumann, Marcus Paul, Madlen Pomp, Nadja Schachteli

Documentation, Communication, General Medicine, Data Processing, Medical Law

For academic medical faculty unfamiliar with national and international regulations, the prospect of initiating and managing a clinical trial can be intimidating. The development of protocols and case report forms, compliance with regulatory requirements, the monitoring of clinical trials as well as the responsibilities of documentation are just some of the tasks the sponsor-investigator is faced with.
This book covers the entire spectrum of a clinical trial, reviewing the different stages step by step: financial planning, crucial aspects of trial design, the authorization process and, finally, documentation. Moreover, it contains helpful tips, a practical glossary, instructions and a large number of resources related to the relevant regulations and forms conforming to the 'International Conference on Harmonization and Good Clinical Practice' and the European legislation. This makes the publication at hand an essential 'cookbook' for both academic faculty new to clinical trials as well as seasoned sponsors-investigators.

Contents

KI 11624

www.karger.com/documentation

Guide for Investigator Initiated Trials
Editor: Fortwengel, G. (Hannover)
VI + 148 p., 7 fig., spiral bound, 2011
CHF 49.– / EUR 41.– / USD 58.00
Prices subject to change
EUR price for Germany, USD price for USA only
ISBN 978–3–8055–9684–8
e-ISBN 978–3–8055–9685–5

Order Form

Please send: ____ copy/ies

Postage and handling free with prepayment

Payment:
Please charge to my credit card
☐ American Express ☐ Diners ☐ Eurocard
☐ MasterCard ☐ Visa

Card No.: _____

Exp. date: _____

CVV/CVC _____
(3 digits in the signature field on the back of Visa and MasterCard)

☐ Check enclosed ☐ Please bill me

Orders may be placed with any bookshop, subscription agency, directly with the publisher or through a Karger distributor.

Fax: +41 61 306 12 34

S. Karger AG, P.O. Box, CH–4009 Basel (Switzerland)
E-Mail orders@karger.ch, **www.karger.com**

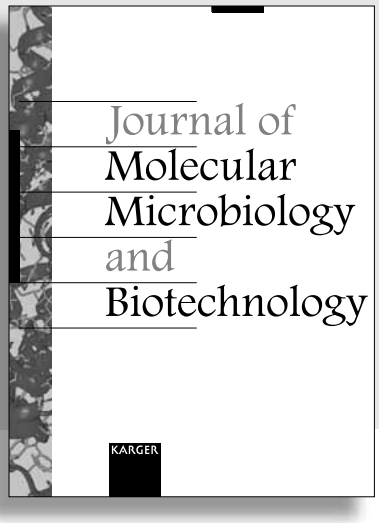
Name/Address: _____

Date: _____

Signature: _____

KARGER

Journal of Molecular Microbiology and Biotechnology



We are entering a new and exciting era of microbiological study and application. Recent advances in the now established disciplines of genomics, proteomics and bioinformatics, together with extensive cooperation between academic and industrial concerns have brought about an integration of basic and applied microbiology as never before. The *Journal of Molecular Microbiology and Biotechnology* (JMMB) aims to reflect this development by publishing original research papers from all areas of microbiology and biotechnology. It also features written symposia on selected topics, timely reviews, minireviews, and a section devoted to correspondence and comments. Theoretical approaches and descriptions of novel, microbiologically relevant software will also be considered. Contributions and ideas from large segments of the scientific community are welcome to make JMMB a viable, much-needed and up-and-coming forum for current basic and applied microbiological research.

Selected contributions

Journal of Molecular Microbiology and Biotechnology
2012: Volumes 22
6 issues per volume
Language: English
ISSN 1464–1801 (print)
ISSN 1660–2412 (online)

Listed in bibliographic services, including *MEDLINE, Biological Abstracts, Science Citation Index Expanded, Biotechnology Citation Index, EMBASE/Excerpta Medica*

KF12051

KARGER

www.karger.com/che

57 | 6 | 11

Chemotherapy

KARGER