CAMBRIDGE

JOURNALS

Expert Reviews in Molecular Medicine



Published in association with the Centre for Applied Research in Educational Technologies (CARET)

EDITORS: Andrea Bowden, Carolyn Elliss, Centre for Applied Research in Educational Technologies, Cambridge, UK

Expert Reviews in Molecular Medicine is an exciting *online* journal featuring high-quality reviews of the latest developments in this fast-growing field. Coverage includes gene therapy, immunotherapeutics, drug design, vaccines, genetic testing, pathogenesis, epidemiology, genomics, diagnostics and techniques.

The reviews are written by experts, peer-reviewed and carefully edited, and include informative illustrations. The online platform of the journal provides a range of functionalities for readers and authors, such as linked-out reference lists and citation tracking, and is regularly updated.

Expert Reviews in Molecular Medicine is of interest to biomedical researchers, clinicians and students, as well as researchers in the pharmaceutical and biotechnology industries.

FREE email alerts.

Keep up-to-date with new material. Sign up at:

journals.cambridge.org/erm-alerts

journals.cambridge.org/erm



COPYING

This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to C.C.C. of the per-copy fee of \$15.00. This consent does not extend to multiple copying for promotional or commercial purposes. The Item-Fee Code for the publication is 0033–5835/11\$15.00+.10. *ISI Tear Sheet Service*, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of separate articles for private use only. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. *For all other use*, permission must be sought from Cambridge or the American Branch of Cambridge University Press.

Quarterly Reviews of Biophysics is covered by relevant abstracting and indexing services including Biological Abstracts, Chemical Abstracts, Current Awareness in Biological Science, Current Contents, Excerpta Medica and Index Medicus.

CAMBRIDGE UNIVERSITY PRESS

The Edinburgh Building, Cambridge CB2 8RU, United Kingdom 32 Avenue of the Americas, New York, NY 10013–2473, USA 477 Williamstown Road, Port Melbourne, VIC 3207, Australia Ruiz de Alarcón 13, 28014 Madrid, Spain Dock House, The Waterfront, Cape Town 8001, South Africa

OUARTERLY REVIEWS OF

Biophysics

VOL. 45 NO. 2 MAY 2012

CONTENTS

ARIA W. GÓRNA, AGAMEMNON J. CARPOUSIS AND BEN F. LUISI om conformational chaos to robust regulation: the structure and function of	
the multi-enzyme RNA degradosome I. RICHARD MCINTOSH, MAXIM I. MOLODTSOV AND FAZLY I. ATAULLAKHANOV	105
Biophysics of mitosis	147
CHRISTIANE HÖPPENER AND LUKAS NOVOTNY Exploiting the light-metal interaction for biomolecular sensing and imaging	209

FORTHCOMING PAPERS

JONATHAN M. FOGG, GRAHAM L. RANDALL, B. MONTGOMERY PETTITT, DE WITT L. SUMNERS, SARAH A. HARRIS AND LYNN ZECHIEDRICH Bullied no more: when and how DNA shoves proteins around

KATRINA W. LEXA AND HEATHER A. CARLSON Protein flexibility in docking and surface mapping

ROBERT T. BATEY

Structure and mechanism of purine binding riboswitches

Cambridge Journals Online
For further information about this journal please
go to the journal website at:
journals.cambridge.org/qrb

