Nucleic Acid–Metal Ion Interactions

RSC Biomolecular Sciences

Editorial Board:

This Series is devoted to coverage of the interface between the chemical and biological sciences, especially structural biology, chemical biology, bio- and chemo-informatics, drug discovery and development, chemical enzymology and biophysical chemistry. Ideal as reference and state-of-the-art guides at the graduate and post-graduate level.

Titles in the Series:

Biophysical and Structural Aspects of Bioenergetics
Edited by Mårten Wikström, *University of Helsinki, Finland*
Computational and Structural Approaches to Drug Discovery: Ligand–Protein Interactions
Edited by Robert M Stroud and Janet Finer-Moore, *University of California in San Francisco, San Francisco, CA, USA*
Exploiting Chemical Diversity for Drug Discovery
Edited by Paul A. Bartlett, *Department of Chemistry, University of California, Berkeley, USA* and Michael Entzeroth, *S*Bio Pte Ltd, Singapore*
Metabolomics, Metabonomics and Metabolite Profiling
Edited by William J. Griffiths, *University of London, The School of Pharmacy, University of London, London, UK*
Nucleic Acid–Metal Ion Interactions
Edited by Nicholas V. Hud, *School of Chemistry and Biochemistry, Georgia Institute of Technology, Atlanta, GA, USA*
Protein–Carbohydrate Interactions in Infectious Disease
Edited by Carole A. Bewley, *National Institutes of Health, Bethesda, Maryland, USA*
Protein Folding, Misfolding and Aggregation: Classical Themes and Novel Approaches
Edited by Victor Muñoz, *Department of Chemistry and Biochemistry, University of Maryland, MD, USA*
Protein-Nucleic Acid Interactions: Structural Biology
Edited by Phoebe A. Rice, *Department of Biochemistry & Molecular Biology, The University of Chicago, Chicago IL, USA* and Carl C. Correll, *Dept of Biochemistry and Molecular Biology, Rosalind Franklin University, North Chicago, IL, USA*
Quadruplex Nucleic Acids
Edited by Stephen Neidle, *The School of Pharmacy, University of London, London, UK* and Shankar Balasubramanian, *Department of Chemistry, University of Cambridge, Cambridge, UK*
Ribozymes and RNA Catalysis
Edited by David MJ Lilley FRS, *University of Dundee, Dundee, UK* and Fritz Eckstein, *Max-Planck-Institut for Experimental Medicine, Goettingen, Germany*
Sequence-specific DNA Binding Agents
Edited by Michael Waring, *Department of Pharmacology, University of Cambridge, Cambridge, UK*
Structural Biology of Membrane Proteins
Edited by Reinhard Grisshammer and Susan K. Buchanan, *Laboratory of Molecular Biology, National Institutes of Health, Bethesda, Maryland, USA*
Structure-based Drug Discovery: An Overview
Edited by Roderick E. Hubbard, *University of York, UK and Vernalis (R&D) Ltd, Cambridge, UK*
Therapeutic Oligonucleotides
Edited by Jens Kurreck, *Institute for Chemistry and Biochemistry, Free University Berlin, Berlin, Germany*

Visit our website at www.rsc.org/biomolecularsciences

For further information please contact:
Sales and Customer Care, Royal Society of Chemistry, Thomas Graham House,
Science Park, Milton Road, Cambridge, CB4 0WF, UK
Telephone: +44 (0)1223 432360, Fax: +44 (0)1223 426017, Email: sales@rsc.org

Nucleic Acid–Metal Ion Interactions

Edited by

Nicholas V. Hud
School of Chemistry and Biochemistry, Georgia Institute of Technology, Atlanta, GA, USA

RSC Publishing

ISBN: 978-0-85404-195-4

A catalogue record for this book is available from the British Library

Published by The Royal Society of Chemistry,
Thomas Graham House, Science Park, Milton Road,
Cambridge CB4 0WF, UK

Registered Charity Number 207890

For further information see our web site at www.rsc.org