From Molecules to Medicines
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From Molecules to Medicines

Structure of Biological Macromolecules and Its Relevance in Combating New Diseases and Bioterrorism

edited by

Joel L. Sussman
Department of Structural Biology
Weizmann Institute of Science
Rehovot, Israel

and

Paola Spadon
Department of Chemical Sciences
University of Padova, Italy

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PREFACE

This volume comprises papers presented at the 40th Erice Course “From Molecules to Medicine: Structure of Biological Macromolecules and Its Relevance in Combating New Diseases and Bioterrorism”, May 29 to June 8, 2008. The papers span the breadth of material presented, which emphasize the practical aspects of modern macromolecular crystallography and its applications to medicine.

Topics addressed span from the selection of targets, through to structure determination, interpretation and exploitation. A particular theme that emerges is the dependence of modern structural science on multiple experimental and computational techniques. It is both the development of these techniques and their integration that will take us forward in the future.

The NATO ASI directors worked alongside, and offer deep gratitude to Prof. Sir Tom Blundell, Director of the International School of Crystallography, Dr Colin Groom, Dr Neera Borkakoti, Dr John Irwin and Prof. Lodovico Riva di Sanseverino, who were in turn supported by a number of local facilitators.

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Joel L. Sussman and Paola Spadon
LIST OF CONTRIBUTORS

Chris Abell
University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW, UK

Yasmin Aristei
Laboratory for Chemometrics and Cheminformatics, Chemistry Department, University of Perugia, Via Elce di sotto 10, Perugia, Italy

Edward N. Baker
Maurice Wilkins Center for Molecular Biodiscovery and School of Biological Sciences, University of Auckland, Auckland, New Zealand

Terese Bergfors
Department of Cell and Molecular Biology, Uppsala University, Biomedical Center Box 596, 751 24 Uppsala, Sweden

Tom L. Blundell
Department of Biochemistry, University of Cambridge, Tennis Court Road, Cambridge CB2 1GA, UK

Karen Bromfield
University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW, UK

Manfred Burghammer
European Synchrotron Radiation Facility, Grenoble, France

Emanuele Carosati
Laboratory for Chemometrics and Cheminformatics, Chemistry Department, University of Perugia, Via Elce di sotto 10, Perugia, Italy

Mario Centeleghhe
Novartis Institutes for Biomedical Research, CH-4056 Basel, Switzerland
LIST OF CONTRIBUTORS

Vadim Cherezov
Department of Molecular Biology, The Scripps Research Institute, La Jolla, CA 92037, USA

Hee-Jung Choi
Departments of Molecular & Cellular Physiology and Structural Biology, Stanford University School of Medicine, 279 Campus Drive West, Stanford, CA 94305, USA

Alessio Ciulli
University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW, UK

Sandra W. Cowan-Jacob
Novartis Institutes for Biomedical Research, CH-4056 Basel, Switzerland

Gabriele Cruciani
Laboratory for Chemometrics and Cheminformatics, Chemistry Department, University of Perugia, Via Elce di sotto 10, Perugia, Italy

Peter W. Day
Departments of Molecular & Cellular Physiology, Stanford University School of Medicine, 279 Campus Drive West, Stanford, CA 94305, USA

Marcio V.B. Dias
Department of Biochemistry, University of Cambridge, Tennis Court Road, Cambridge CB2 1GA, UK

Patricia c. Edwards
MRC Laboratory of Molecular Biology, Cambridge, UK

Narayanan Eswar
Departments of Biopharmaceutical Sciences and Pharmaceutical Chemistry, California Institute for Quantitative Biosciences, University of California at San Francisco, San Francisco, CA, USA

Doriano Fabbro
Novartis Institutes for Biomedical Research, CH-4056 Basel, Switzerland
Gabriele Fendrich  
Novartis Institutes for Biomedical Research, CH-4056 Basel, Switzerland

Robert f. Fischetti  
Biosciences Division, Argonne National Laboratory, IL, USA

Andreas Floersheimer  
Novartis Institutes for Biomedical Research, CH-4056 Basel, Switzerland

Juan J. Fung  
Departments of Molecular & Cellular Physiology, Stanford University School of Medicine, 279 Campus Drive West, Stanford, CA 94305, USA

Pascal Furet  
Novartis Institutes for Biomedical Research, CH-4056 Basel, Switzerland

Laura Goracci  
Laboratory for Chemometrics and Cheminformatics, Chemistry Department, University of Perugia, Via Elce di sotto 10, Perugia, Italy

Michael A. Hanson  
Department of Molecular Biology, The Scripps Research Institute, La Jolla, CA 92037, USA

Timo J. Heikkila  
Department of Biochemistry, University of Cambridge, Tennis Court Road, Cambridge CB2 1GA, UK

Eran Hodis  
Department of Structural Biology and The Israel Structural Proteomics Center, Weizmann Institute of Science, Rehovot, Israel

Nigel Howard  
University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW, UK
LIST OF CONTRIBUTORS

Haejoo Kang
Maurice Wilkins Center for Molecular Biodiscovery and School of Biological Sciences, University of Auckland, Auckland, New Zealand

Gerhard Klebe
Institute of Pharmaceutical Chemistry, University of Marburg, Marbacher Weg 6, D35032 Marburg, Germany

Brian K. Kobilka
Departments of Molecular & Cellular Physiology, Stanford University School of Medicine, 279 Campus Drive West, Stanford, CA 94305, USA

Tong Sun Kobilka
Departments of Molecular & Cellular Physiology, Stanford University School of Medicine, 279 Campus Drive West, Stanford, CA 94305, USA

Peter Kuhn
Department of Molecular Biology and Department of Cell Biology, The Scripps Research Institute, La Jolla, CA 92037, USA

Janis Liebetanz
Novartis Institutes for Biomedical Research, CH-4056 Basel, Switzerland

Paul W. Manley
Novartis Institutes for Biomedical Research, CH-4056 Basel, Switzerland

Joseph Marcotrigiano
Department of Chemistry and Chemical Biology, Center for Advanced Biotechnology and Medicine, Rutgers University, NJ, USA

Asna Masood
Medarex, Inc., 521 Cottonwood Drive, Milpitas, CA 95035, USA

David Osborne
University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW, UK
Charles Parnot
Departments of Molecular & Cellular Physiology, Stanford University
School of Medicine, 279 Campus Drive West, Stanford, CA 94305, USA

Jaime Prilusky
The Israel Structural Proteomics Center and Biological Services Unit,
Weizmann Institute of Science, Rehovot, Israel

Thomas Proft
Maurice Wilkins Center for Molecular Biodiscovery and School
of Medical Sciences, University of Auckland, Auckland, New Zealand

Søren G.F. Rasmussen
Departments of Molecular & Cellular Physiology, Stanford University
School of Medicine, 279 Campus Drive West, Stanford, CA 94305,
USA

Venkata R.P. Ratnala
Departments of Molecular & Cellular Physiology, Stanford University
School of Medicine, 279 Campus Drive West, Stanford, CA 94305,
USA

Paul Rheinberger
Novartis Institutes for Biomedical Research, CH-4056 Basel,
Switzerland

Daniel K. Rohrer
Medarex, Inc., 521 Cottonwood Drive, Milpitas, CA 95035, USA

Daniel M. Rosenbaum
Departments of Molecular & Cellular Physiology, Stanford University
School of Medicine, 279 Campus Drive West, Stanford, CA 94305,
USA

Gabriele Rummel
Novartis Institutes for Biomedical Research, CH-4056 Basel,
Switzerland

Andrej Sali
Departments of Biopharmaceutical Sciences and Pharmaceutical
Chemistry, California Institute for Quantitative Biosciences, University
of California at San Francisco, San Francisco, CA, USA
LIST OF CONTRIBUTORS

Ruslan Sanishvili
Biosciences Division, Argonne National Laboratory, IL, USA

Giovanna Scapin
Departments of Global Structural Biology, Merck & Co., Inc., PO BOX 2000, Rahway NJ 07065, USA. Current address: Schering-Plough Research Institute, 2015 Galloping Hill Road K15-1-1800, Kenilworth, NJ 07033, USA

Gebhard F.X. Schertler
MRC Laboratory of Molecular Biology, Cambridge, UK

Duncan Scott
University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW, UK

Israel Silman
The Israel Structural Proteomics Center and Neurobiology Department, Weizmann Institute of Science, Rehovot, Israel

Hernani L. Silvestre
Department of Biochemistry, University of Cambridge, Tennis Court Road, Cambridge CB2 1GA, UK

Raymond C. Stevens
Department of Molecular Biology, The Scripps Research Institute, La Jolla, CA 92037, USA

Sachin Surade
Department of Biochemistry, University of Cambridge, Tennis Court Road, Cambridge CB2 1GA, UK

Joel L. Sussman
Department of Structural Biology and The Israel Structural Proteomics Center, Weizmann Institute of Science, Rehovot, Israel

Foon Sun Thian
Departments of Molecular & Cellular Physiology, Stanford University School of Medicine, 279 Campus Drive West, Stanford, CA 94305, USA
Janet M. Thornton  
EMBL-European Bioinformatics Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SD, UK

James D. Watson  
EMBL-European Bioinformatics Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SD, UK

Alvin Hung Wei  
University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW, UK

William I. Weis  
Departments of Molecular & Cellular Physiology and Structural Biology, Stanford University School of Medicine, 279 Campus Drive West, Stanford, CA 94305, USA

Shijun Wen  
University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW, UK

Xiao-Jie Yao  
Departments of Molecular & Cellular Physiology, Stanford University School of Medicine, 279 Campus Drive West, Stanford, CA 94305, USA

Ada Yonath  
Department of Structural Biology, Weizmann Institute, Rehovot, Israel