Advisors and Advisory Board


Contributing authors

P. D. Adams: The Howard Hughes Medical Institute and Department of Molecular Biophysics and Biochemistry, Yale University, New Haven, CT 06511, USA. [18.12, 18.6, 18.11]
P. V. Afonine: Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA. [18.11]
F. H. Allen: Cambridge Crystallographic Data Centre, 12 Union Road, Cambridge CB2 1EZ, England. [22.5]
W. B. Arndt: Department of Biochemistry, Duke University, Durham, NC 27710, USA. [21.6]
U. W. Arendt: Laboratory of Molecular Biology, Medical Research Council, Hills Road, Cambridge CB2 0QH, England.† [6.1]
E. Arnold: Biomolecular Crystallography Laboratory, Center for Advanced Biotechnology and Medicine & Rutgers University, 679 Hoes Lane, Piscataway, NJ 08854-5638, USA. [11.1, 1.4, 13.4]
P. Pupfigger: Institut de Biologie Moléculaire et Cellulaire, Centre National de la Recherche Scientifique, Unité Propre de Recherche 9002, Université de Strasbourg, 15 Rue René Descartes, F-67084 Strasbourg, France. [23.6]
E. N. Baker: School of Biological Sciences, University of Auckland, Private Bag 92-109, Auckland, New Zealand. [22.3]
T. S. Baker: Departments of Chemistry & Biochemistry and Molecular Biology, University of California, San Diego, 9500 Gilman Drive MC-0378, La Jolla, CA 92037-0378, USA. [19.6]
W. Baxter: Resource for Visualization of Biological Complexity, Waddsworth Center, Empire State Plaza, Albany, NY 12201-0599, USA. [19.8]
C. Bercea: Faculty of Natural Sciences, Division of Molecular Biosciences, Imperial College London, London SW7 2AZ, England. [19.9]
C. G. van Beek: Department of Biological Sciences, Purdue University, West Lafayette, IN 47907-1392, USA.† [11.5]
J. A. Bell: Schroedinger, 120 West 45th Street, 17th Floor, New York, NY 10036, USA. [18.10]
J. Berendzen: Biophysics Group, Mail Stop D454, Los Alamos National Laboratory, Los Alamos, NM 87545, USA. [14.3]
H. M. Berman: Department of Chemistry, Rutgers University, 610 Taylor Road, Piscataway, NJ 08854-8077, USA. [21.2, 24.1, 24.2]
D. M. Blow: Biophysics Group, Blackett Laboratory, Imperial College of Science, Technology & Medicine, London SW7 2BW, England.† [13.1]
T. L. Blundell: Department of Biochemistry, University of Cambridge, 80 Tennis Court Road, Cambridge, CB2 1GA, England. [12.1]
R. Bozowski: Department of Biological Sciences, Purdue University, West Lafayette, IN 47907-1392, USA.† [11.5]
D. Borek: UT Southwestern Medical Center at Dallas, 5323 Harry Hines Boulevard, Dallas, TX 75390-9038, USA. [11.4]
G. Bricogne: Laboratory of Molecular Biology, Medical Research Council, Cambridge CB2 0QH, England. [16.2]
A. T. Brunger: The Howard Hughes Medical Institute, and Departments of Molecular and Cellular Physiology, Neurology and Neurological Sciences, and Stanford Synchrotron Radiation Laboratory, Stanford University, 1201 Welch Road, MSLS P210, Stanford, CA 94305-5409, USA. [18.2, 18.6]
G. Bunkóczi: Department of Haematology, University of Cambridge, Cambridge Institute for Medical Research, Wellcome Trust/MRC Building, Cambridge CB2 0XY, England. [18.11]
Y. Cao: Schroedinger, 120 West 45th Street, 17th Floor, New York, NY 10036, USA. [18.10]
H. L. Carroll: The Institute for Cancer Research, The Fox Chase Cancer Center, Philadelphia, PA 19111, USA. [5.1]
D. Carvin: Biomolecular Modelling Laboratory, Imperial Cancer Research Fund, 44 Lincoln’s Inn Field, London WC2A 3PX, England. [12.1]
R. Chandrasekaran: Whistler Center for Carbohydrate Research, Purdue University, West Lafayette, IN 47907, USA. [19.5]
M. S. Chapman: Department of Chemistry & Institute of Molecular Biophysics, Florida State University, Tallahassee, FL 32306-4380, USA. [22.2]
L. Chen: The Nucleic Acid Database, Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey 08854, USA. [24.2]
V. B. Chen: Department of Biochemistry, Duke University Medical Center, Durham, NC 27710, USA. [18.11, 21.5, 21.6]
W. Chiu: Verna and Marrs McLean Department of Biochemistry and Molecular Biology, Baylor College of Medicine, Houston, Texas 77030, USA. [19.2]
K. H. Choi: Department of Biochemistry and Molecular Biology, 6614C Basic Science, The University of Texas Medical Branch, University Blvd, Galveston, TX 77555-0647, USA. [4.4]
J. C. Cole: Cambridge Crystallographic Data Centre, 12 Union Road, Cambridge CB2 1EZ, England. [22.5]
M. L. Connolly: 1259 El Camino Real 184, Menlo Park, CA 94025, USA. [22.2]
C. Cork: Structural Proteomics Development Group, Physical Biosciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA. [9.2]
K. Cottan: Department of Chemistry, University of York, York YO10 5DD, UK. [15.1, 15.3, 17.1]
D. W. J. Cruckshank: Chemistry Department, UMIST, Manchester M60 1QD, England.† [18.5]
J. De la Cruz: The Nucleic Acid Database, Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey 08854, USA. [24.2]
M. Cymborowski: Department of Molecular Physiology and Biological Physics, University of Virginia, 1300 Jefferson Park Avenue, Charlottesville, VA 22908, USA. [11.4]
V. M. Dadarlat: Department of Medicinal Chemistry and Molecular Pharmacology, Purdue University, West Lafayette, Indiana 47907-1333, USA. [20.2]
U. Das: Unité de Conformation de Macromolécules Biologiques, Université Libre de Bruxelles, avenue F. D. Roosevelt 50, CP160/16, B-1050 Bruxelles, Belgium. [21.2]
Z. Dauter: NCI Frederick & Argonne National Laboratory, Building 202, Argonne, IL 60439, USA. [9.1, 18.4]
I. W. Davie: Department of Biochemistry, Duke University Medical Center, Durham, NC 27710, USA.† [18.11]
T. Day: Schroedinger, 120 West 45th Street, 17th Floor, New York, NY 10036, USA. [18.10]
W. L. Delano: Graduate Group in Biophysics, Box 0048, University of California, San Francisco, CA 94143, USA. [18.6]
Z. S. DeKewendra: Department of Molecular Physiology and Biological Physics, University of Virginia School of Medicine, Charlottesville, VA 22908-0736, USA. [4.3]

† Deceased.
‡ Present address: RJ Lee Instruments, 515 Pleasant Valley Road, Trafford, PA 15085, USA.
§ Present address: Kent House, 19 The Warren, Cromer, Norfolk NR27 0AR, England.
¶ Present address: Philips Analytical Inc., 12 Michigan Drive, Natick, MA 01760, USA.
CONTRIBUTING AUTHORS

R. E. Dickerson: Molecular Biology Institute, University of California, Los Angeles, Los Angeles, CA 90095-1570, USA. [23.4]

J. Drézin: Laboratory of Biophysical Chemistry, University of Groningen, Nijenborgh 4, 9747 AG Groningen, The Netherlands. [2.1]

S. Dutta: The Nucleic Acid Database, Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey 08854, USA. [24.2]

O. Dyk: UCLA-DOE Laboratory of Structural Biology and Molecular Medicine, UCLA, Box 951570, Los Angeles, CA 90095-1570, USA. [21.3]

T. Earnest: Structural Proteomics Development Group, Physical Biosciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA. [9.2]

N. Echols: Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey 08854-5638, USA. [1.1, 1.4]

E. F. Eisenberry: Swiss Light Source, Paul Scherrer Institut, 5232 Villigen PSI, Switzerland. [7.1, 7.2]

H. M. Einspahr: PO Box 6483, Lawrenceville, NJ 08648-0483, USA. [2.2]

D. Eisenberg: UCLA-DOE Laboratory of Structural Biology and Molecular Medicine, Department of Chemistry & Biochemistry, Molecular Biology Institute and Department of Biological Chemistry, UCLA, Los Angeles, CA 90095-1570, USA. [21.3]

P. Emley: Department of Biochemistry, University of Oxford, South Parks Road, Oxford OX1 3QU, UK. [17.1]

D. M. Engelman: Department of Molecular Biophysics and Biochemistry, Yale University, New Haven, CT 06520, USA. [19.4]

R. A. Engel: Pharmaceutical Research, Roche Diagnostics GmbH, 120 West 45th Street, 17th Floor, New York, NY 10036, USA. [24.2]

E. F. Eikenberry: Department of Molecular Biophysics & Biochemistry, 266 Whitney Avenue, Yale University, PO Box 208114, New Haven, CT 06520, USA. [24.3]

F. E. Garman: Department of Biochemistry, Duke University Medical Center, Durham, NC 27710, USA. [18.11]

A. A. Kossiakoff: Contribution to the field of Molecular Biophysics and Biotechnology, Utrecht University, Padualaan 8, 3584 CH Utrecht, The Netherlands. [18.6, 18.11]

S. M. Gruner: Department of Physics, 162 Clark Hall, Cornell University, Ithaca, NY 14853-2501, USA. [7.1, 7.2]

† Present address: 2 Second Avenue, Denvilles, Havant, Hampshire PO9 2QP, England.

‡ Present address unknown.

§ Present address: Laboratory of Molecular Biophysics, Rex Richards Building, South Parks Road, Oxford OX1 2QU, England.

¶ Deceased.
CONTRIBUTING AUTHORS

V. R. Sarmar: David Faradon Research Laboratory, The Royal Institution, London W1X 4BS, England.† [25.1]
C. Sauret: Institut de Biologie Moléculaire et Cellulaire (IBMC), Centre National pour la Recherche Scientifique (CNRS), 15 rue René Descartes, Strasbourg, F-67084, France. [4.1]
M. S. Sawaya: Institute for Genomics and Proteomics, UCLA-DOE, 611 Young Drive East, Los Angeles, CA 90095, USA. [18.12]
M. Schatz: Image Science Software GmbH, Gillweg 3, D-14193 Berlin, Germany. [19.9]
R. Schmidt: Image Science Software GmbH, Gillweg 3, D-14193 Berlin, Germany. [19.9]
B. Schneider: The Nucleic Acid Database, Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey 08854, USA.‡ [24.2]
B. P. Schoenborn: Advanced Light Source, Lawrence Berkeley National Laboratory, 1 Cyclotron Rd, MS 2-400, Berkeley, CA 94720, USA. [9.3]
K. A. Sharp: E. R. Johnson Research Foundation, Department of Biochemistry and Biophysics, University of Pennsylvania, Philadelphia, PA 19104-6059, USA. [22.4]
G. M. Shieldrick: Lehrlust für Strukturchemie, Georg-August-Universität Göttingen, Tammanstrasse 4, D-37077 Göttingen, Germany. [16.1, 18.9]
T. Simonson: Laboratoire de Biochimie Structurale (CNRS), IGBMC, 1 rue Laurent Fries, 67404 Illkirch (CU de Strasbourg), France. [18.6]
J. L. Smith: Department of Biological Sciences, Purdue University, West Lafayette, IN 47907-1392, USA. [14.2]
J. C. H. Spence: Department of Physics, Arizona State University, Tempe, Arizona, 85287, USA. [1.4]
A. M. Stock: Center for Advanced Biotechnology and Medicine, Howard Hughes Medical Institute and University of New Jersey – Robert Wood Johnson Medical School, 679 Hoes Lane, Piscataway, NJ 08854-5627, USA. [3.1]
U. Stocker: Laboratory of Physical Chemistry, ETH-Zentrum, 8092 Zürich, Switzerland. [20.1]
G. Stubs: Department of Molecular Biology, Vanderbilt University, Nashville, TN 37235, USA. [19.5]
M. T. Stubs: Institut für Pharmazeutische Chemie der Philippi-Universität Marburg, Marbacher Weg 6, D-35032 Marburg, Germany. [12.2]
S. Sun: Department of Biological Sciences, Purdue University, West Lafayette, IN 47907-1392, USA. [1.4]
M. W. Tate: Department of Physics, 162 Clark Hall, Cornell University, Ithaca, NY 14853-2501, USA. [7.1, 7.2]
L. F. Ten Eyk: San Diego Supercomputer Center 0505, University of California at San Diego, 9500 Gilman Drive, La Jolla, CA 92093-0505, USA. [18.1, 18.7]
A. Teplyakov: University of Maryland Biotechnology Institute, Rockville, MD 20850, USA.¶ [13.5]
T. C. Terwilliger: Bioscience Division, Mail Stop M888, Los Alamos National Laboratory, Los Alamos, NM 87545, USA. [14.3, 18.11]
J. Thornton: Biochemistry and Molecular Biology Department, University College London, Gower Street, London WC1E 6BT, England, and Department of Crystallography, Birkbeck College, University of London, Malet Street, London WC1E 7HX, England. [21.4, 23.1]
L. Tong: Department of Biological Sciences, Columbia University, New York, NY 10027, USA. [13.3]
D. E. Tronrud: Howard Hughes Medical Institute, Institute of Molecular Biology, 1229 University of Oregon, Eugene, OR 97403-1229, USA. [18.7]
Y. Tsai: Department of Chemistry and Biochemistry, University of California, Los Angeles, PO Box 951569, Los Angeles, CA 90095-1569, USA. [11.7]
H. Tsuruta: SSRL/SLAC & Department of Chemistry, Stanford University, PO Box 4349, MS69, Stanford, California 94309-0210, USA. [19.3]
M. Tung: Center for Advanced Research in Biotechnology of the Maryland Biotechnology Institute and National Institute of Standards and Technology, 9600 Gude Dr., Rockville, MD 20850, USA. [24.3]
A. G. Uzhumtsev: Faculty of Sciences, University of Nancy 1, Vaucluse-lès-Nancy, 54506, France. [16.3]
I. Usón: Instituto Catalana de Recerca i Estudis Avançats at IBMB-CSIC, Barcelona Science Park, Badalón Reixac 15, 08028 Barcelona, Spain. [16.1]
A. Vagin: Structural Biology Laboratory, University of York, YorkYO1 5YW, England. [13.5, 21.2]
M. J. Vallesjos: Department of Biochemistry and Molecular Biology, 1870 Campus Delivery, Colorado State University, Fort Collins, CO 80523-1870, USA. [25.6]
M. L. Verdon: Cambridge Crystallographic Data Centre, 12 Union Road, Cambridge CB2 1EZ, England. [22.5]
C. L. M. J. Verkade: Biomolecular Structure Center, Department of Biological Structure, Howard Hughes Medical Institute, University of Washington, Seattle, WA 98195-7742, USA. [1.3]
C. A. Vernon: Department of Chemistry, University College London, Gower Street, London WC1E 6BT, England. [25.1]
M. C. Weeks: Hauptman-Woodward Medical Research Institute, Inc., 700 Ellicott Street, Buffalo, NY 14203-1102, USA. [16.1]
M. S. Weiss: Helmholtz-Zentrum Berlin für Materialien und Energie, Mammoo- molecular Crystallography (HZB-MX), Albert-Einstein-Str. 15, D-12489 Berlin, Germany. [2.2]
J. Westbrook: The Nucleic Acid Database, Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey 08854, USA. [24.2]
K. S. Wilson: York Structural Biology Laboratory, Department of Chemistry, University of York, York YO10 5YW, England. [9.1, 18.4, 18.8]
S. J. Wodak: Unité de Conformation de Macromolecules Biologiques, Université Libre de Bruxelles, avenue F. D. Roosevelt 50, CP160/16, B-1050 Bruxelles, Belgium, and EMBL–EBI, Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SD, England. [21.2]
K. Wütherich: Institut für Molekularbiologie und Biophysik, Eidgenössische Technische Hochschule-Honggerberg, CH-8093 Zürich, Switzerland. [19.7]
H. Yang: The Nucleic Acid Database, Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey 08854, USA. [24.2]
D. G. Yansura: Department of Antibody Engineering, Genentech, 1 DNA Way, South San Francisco, California 94080, USA. [3.2]
T. O. Yeates: Department of Chemistry and Biochemistry, University of California, Los Angeles, PO Box 951569, Los Angeles, CA 90095-1569, USA. [11.7, 18.12, 21.3]
J. Young: The Nucleic Acid Database, Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey 08854, USA. [24.2]
C. Zardecke: The Nucleic Acid Database, Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey 08854, USA. [24.2]
K. Y. J. Zhang: Division of Basic Sciences, Fred Hutchinson Cancer Research Center, 1100 Fairview Ave N, Seattle, WA 99010, USA. [15.1, 15.3]
Z. Zhou: Schrödinger, 120 West 45th Street, 17th Floor, New York, NY 10036, USA. [18.10]
P. H. Zwart: Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA. [18.11]

† Present address: Department of Biochemistry, State University of New York at Stonybrook, Stonybrook, NY 11794-5215, USA.
‡ Present address: Institute of Biotechnology, Academy of Science, Czech Republic.
¶ Present address: Centecor R&D Inc., Radnor, PA 19087, USA.
† Deceased.