

REFERENCE BOOKS

Biochemistry

Serial no.	Title	Author
1.	Lippincott's Illustrated Reviews Biochemistry	Pamela C. Champe and Richard A.
2.	Analytical Biochemistry	David Holme, Hazel Peck
3.	Biochemical Calculations	Irwin Segel
4.	Biochemistry	Jeremy M. Berg, John L. Tymoczko, Lubert Stryer
5.	Biochemistry	Garrett And Grisham
6.	Biochemistry The Chemical Reactions Of Living Cells Volumes 1&2	David E. Metzler
7.	Enzyme Kinetics – Principles and Methods (Wiley, 2008)	H. Bisswanger
8.	Introduction to protein structure	C.Branden and J.Tooze
9.	Color Atlas Of Biochemistry	Jan Koolman, Klaus-Heinrich Rohm
10.	Comprehensive enzyme kinetics, 2004	Vladimir Leskovac
11.	Protein Structure A PRACTICAL APPROACH	T. E. Creighton
12.	Enzyme Kinetics – Principles and Methods	H. Bisswanger
13.	Enzyme kinetics a modern approach	Alejandro G. Marangoni
14.	Harper's Illustrated Biochemistry	Robert K. Murray, Daryl K. Granner, Peter A. Mayes, & Victor W. Rodwell,
15.	Instant Notes in Biochemistry	B.D. Hames & N. M. Hooper
16.	Lehninger Principles of Biochemistry	David L. Nelson, Michael M. Cox
17.	Biochemistry	Donald Voet and Judith Voet
18.	Taylor Enzyme Kinetics and Mechanisms	Kenneth B. Taylor
19.	Thermodynamics of Biochemical Reactions	Robert A. Alberty
20.	Protein Design Methods and Applications	Raphael Guerois, Manuela López de la Paz
21.	Protein Structure Prediction	Mohammed J. Zaki and Christopher Bystroff
22.	Peptides: Chemistry and Biology	Norbert Sewald, Hans-Dieter Jakubke
23.	Protein Structure Prediction Methods and Protocols	David M. Webster
24.	Biochemistry	Geoffrey Zubay
25.	Textbook of Biochemistry With Clinical Correlations	Thomas M. Devlin
26.	Proteins: Structure and Function	David Whitford

Zoology

Serial no.	Title	Author
1.	Textbook Of Medical Physiology	Arthur C. Guyton, John E. Hall
2.	Developmental Biology	Scott F. Gilbert
3.	Medicine Williams Textbook of Endocrinology	P. Reed Larsen ... [et al.].
4.	Introduction_to_Animal_Physiology	Ian Kay
5.	Elements of Molecular Neurobiology	C. U. M. Smith
6.	Dictionary of Invertebrate Zoology	Armand R. Maggenti Mary Ann Maggenti Scott Lyell Gardner
7.	Biology	Raven Johnson
8.	Modern Biology	John H. Postlewait, Janet L. Hopson
9.	Animal behaviour, evolution and mechanisms.	Peter Kappeler
10.	Animal Behavior Desk Reference	Edward M. Barrows
11.	Invertebrate zoology: a functional evolutionary approach,	Edward E. Ruppert, Richard S. Fox, Robert D. Barnes

Cell Biology

Serial no.	Title	Author
1.	Molecular Biology of the Cell	Bruce Alberts, Dennis Bray, Julian Lewis, Martin Raff, Keith Roberts, and James D Watson
2.	Cell Biology A Short Course	Stephen R. Bolsover, Jeremy S. Hyams, Elizabeth A. Shephard, & Hugh A. White
3.	Methods in Molecular Biology Cell Cycle Control Mechanisms and Protocols	Tim Humphrey, Gavin Brooks
4.	Molecular Cell Biology	Lodish, Berk, Matsudaira, Kaiser, Krieger, Scott, Zipursky, Darnell
5.	Molecular And Cell Biology	Stansfield, Colomé, Cano
6.	Plant Cell Biology	Brian E. S. Gunning & Martin Steer
7.	Molecular Biology of Cancer	F. Macdonald C.H.J. Ford A. G. Casson
8.	Cell and Molecular Biology: Concepts and Experiments	G Karp, Gerald Karp
9.	The Cell, A Molecular Approach	Geoffrey M Cooper.

Immunology

Serial no.	Title	Author
1.	Immunology	Richard A. Goldsby, Thomas J. Kindt, Barbara A. Osborne, Janis Kuby
2.	Really Essential Medical Immunology	Arthur Rabson, Ivan M. Roitt, Peter J. Delves
3.	Immunoassay	Eleftherios P. Diamandis Theodore K. Christopoulos
4.	basic immunology	Abul K. Abbas Andrew H. Lichtman
5.	Schaum's Outline of Immunology	George V. Pinchuk

Bioinformatics

Serial no.	Title	Author
1.	Bioinformatics - From Genomes to Drugs	Thomas Langauer
2.	Bioinformatics The Machine Learning Approach	Pierre Baldi, Soren Brunak
3.	Bioinformatics Sequence and Genome Analysis	David W. Mount
4.	Introduction to Bioinformatics	Arthur M. Lesk

Biotechnology

Serial no.	Title	Author
1.	Advances in Biochemical Engineering (www.chemicalbooks.com)	T. Scheper
2.	Biotechnology A Laboratory Course	Jeffrey M. Becker, Guy A. Caldwell, Eve Ann Zachgo
3.	Biotechnology Procedures and Experiments Handbook	Harisha Shama
4.	Physics and Chemistry Basis of Biotechnology(2002)	M. De Cuyper, J.W.M. Bulte
5.	Biochemical Engineering and Biotechnology	G.D. Najafpour
6.	Environmental Biotechnology - Theory and Application	Gareth M. Evans Judith C. Furlong
7.	Fermentation and biochemical Engineering Handbook 829s	Henry C. Vogel

8. Glossary of Biotechnology Terms
9. Guide to Biotechnology
10. Plant Biotechnology and Transgenic Plants
11. Biochemical-Engineering (Section 24 of a book)

Celeste L. Todaro
 Kimball Nill
 Biotechnology Industry
 Organization
 Kirsi-MarjaOksman-Caldentey
 , Wolfgang H. Barz
 Henry R. Bungay, Arthur E.
 Humphrey, George T. Tsao

Genetics

Serial no. **Title**

6. An Introduction to Genetic Algorithms
7. An Introduction to Genetic Analysis
8. Color Atlas of Genetics,
9. Evolutionary Genetics
10. Genetics A Conceptual Approach
11. Genetics From Genes to Genomes
12. Genetics Principles And Analysis
13. Genetics Vol 1, A-D - Macmillan Science Library
14. Genetics Vol 2, E-I - Macmillan Science Library

Author

Melanie Mitchell
 Anthony JF Griffiths,¹ Jeffrey
 H Miller,² David T
 Suzuki,¹ Richard C
 Lewontin,³ and William M
 Gelbart³
 EberhardPassarge
 Maynard Smith [1]
 B. A Pierce
 Hartwell, et al
 Daniel L. Hartl
 Elizabeth W. Jones
 Richard Robinson
 Richard Robinson

Microbiology

Serial no. **Title**

1. Microbiology
2. Microbial Biotechnology-Fundamentals of Applied Microbiology
3. Color Atlas of Medical Microbiology (2005)
4. Modern Industrial Microbiology
5. Microbial Genetics

Author

Prescott–Harley–Klein
 Alexander N. Glazer, Hiroshi
 Nikaido
 Fritz H. Kayser, Kurt A. Bienz,
 Johannes Eckert, Rolf M.
 Zinkernagel, Thieme
 NdukaOkafor
 Stanley R. Maloy, John E.
 Cronan, Jr., David Freifelder

Molecular Biology

Serial no. **Title**

1. Molecular Biology of the Gene
2. The Double Helix
3. The Encyclopedia Of Molecular Biology
4. Gene VIII
5. Advanced Molecular Biology
6. Genome Stability and Human Diseases
7. Introduction to Computational molecular biology
8. Dictionary of Microbiology & Molecular Biology

Author

James D. Watson
 James D. Watson
 T. E. Creighton
 BenzaminLewin
 Richard M. Twyman
 J. Robin Harris,
 P.J. Quinn
 Carlos Setubal, Joao Meidanis
 Paul Singleton, Diana
 Sainsbury

Techniques

Serial no.	Title	Author
1.	Analysis Of Genes And Genomes	Richard J. Reece
2.	Enzymes Of Molecular Biology	M. M Burrell
3.	From Genes To Genomes	Jeremy W Dale and Malcom von Schantz
4.	Gene Cloning And DNA Analysis An Introduction.	T.A._Brown
5.	Gene Cloning Principles And Application	Julia Lodge, Pete Lund & Steve Minchin
6.	Molecular Cloning. A Laboratory Manual	Joseph Sambrook, E. F. Fritsch, Tom Maniatis
7.	PCR Cloning Protocols	Bing-Yuan Chenand Harry W. Janes
8.	PCR Protocols	John M. S. Bartlett, David Stirling
9.	Principle & Application Of Fluorescence Spectroscopy	Jihad René Albani
10.	Principles Of Gene Manipulation	Sandy B. Primrose, Richard M. Twyman and Robert W Old
11.	Protein Purification Protocols	Paul Cutler
12.	Protein and Peptide Analysis by Mass Spectrometry	J R Chapman
13.	Protein Analysis And Purification	Ian M. Rosenberg
14.	RT-PCR Protocols	Joe O'Connell
15.	Separation and Purification Techniques in Biotechnology	Frederick J. Dechow
16.	A Guide To Protein Isolation	Clive Dennison
17.	The Handbook of Analysis and Purification of Peptides and Proteins	Grace Vydac
18.	Physical Biochemistry: Applications to Biochemistry and Molecular Biology	David Freifelder.

Tissue Culture

Serial no.	Title	Author
1.	Animal Cell Culture, A Practical Approach	John R. W. Masters
2.	Basic Cell Culture Protocols Methods in Molecular Biology	Cheryl D. Helgason, Cindy L. Miller
3.	Cell and Tissue Culture Laboratory Procedures in Biotechnology	Alan Doyle, J. Bryan Griffiths.
4.	Introduction to Cell and Tissue Culture	J. P. Mather and P. E. Roberts
5.	Plant Propagation by Tissue Culture	Edwin F. George, Michael A. Hall, Geert-Jan De Klerk
6.	Plant Tissue Culture Engineering_Gupta	S. Dutta Gupta, Yasuomi Ibaraki

Statistics

Serial no.	Title	Author
1.	Statistical Methods in Genetics	Volker Hosel
2.	[Solutions manual] Probability and Statistics for Engineers and Scientists Manual	Hayler
3.	Probability and Statistics	Morris H. DeGroot
4.	Doing Statistics With SPSS	Alistair W. Kerr, Howard K. Hall
5.	Statistics problems and solutions	Stephen A. Kozub E E Bassett, J M Bremner B J T Morgan, I T Jolliffe, B Jones, P M North

Ecology

Serial no.	Title	Author
1.	Migration of Organisms	Ashraf M.T. Elewa
2.	Community Ecology process models and applications	Herman A. Verhoef, Peter J. Morin
3.	Discovering Evolutionary Ecology	Peter J. Mayhew
4.	Forest Ecology	A.G. Van der Valk
5.	Fundamentals of Soil Ecology	David C. Coleman D. A. Crossley, Jr. Paul F. Hendrix
6.	Sustainable Design - Ecology, Architecture, and Planning	Daniel E. Williams
7.	Theoretical Ecology-Principles and Applications 3rdEd	Robert M. May, Angela R. McLean
8.	Ecology: Theories and Applications	Peter Stiling
9.	Ecology: individuals, populations, and communities	Michael Begon, John L. Harper, Colin R. Townsend
10.	Fundamentals of Ecology	Eugene Odum , Gary W. Barrett
11.	Ecology	Robert E. Ricklefs , Gary Miller
12.	Evolutionary Ecology	Eric R. Pianka
13.	Ecology: The Experimental Analysis of Distribution and Abundance	Charles J. Krebs
14.	Ecology: Principles and Applications	J. L. Chapman and M. J. Reiss