

Biochemistry

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Biochemistry, or biological chemistry, is the study of chemical processes within and relating to living organisms. A sub-discipline of both chemistry and biology, biochemistry may be divided into three fields: structural biology, enzymology, and metabolism. Over the last decades of the 20th century, biochemistry has become successful at explaining living processes through these three disciplines. Almost all areas of the life sciences are being uncovered and developed through biochemical methodology and research. Biochemistry focuses on understanding the chemical basis that allows biological molecules to give rise to the processes that occur within living cells and between cells, in turn relating greatly to the understanding of tissues and organs as well as organism structure and function...

Outline of biochemistry

topical guide to biochemistry: Biochemistry – study of chemical processes in living organisms, including living matter. Biochemistry governs all living

The following outline is provided as an overview of and topical guide to biochemistry:

Biochemistry – study of chemical processes in living organisms, including living matter. Biochemistry governs all living organisms and living processes.

Biochemistry (journal)

Biochemistry is a peer-reviewed academic journal in the field of biochemistry. Founded in 1962, the journal is now published weekly by the American Chemical

Biochemistry is a peer-reviewed academic journal in the field of biochemistry. Founded in 1962, the journal is now published weekly by the American Chemical Society, with 51 or 52 annual issues. According to the Journal Citation Reports, the journal has a 2022 impact factor of 2.9.

The previous editor-in-chief was Richard N. Armstrong (Vanderbilt University School of Medicine) (2004–2016). After his death, Alanna Schepartz (UC Berkeley) was appointed editor-in-chief.

Analytical Biochemistry

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Comparative Biochemistry and Physiology B

Comparative Biochemistry and Physiology Part B: Biochemistry & Molecular Biology is a peer-reviewed scientific journal that covers research in biochemistry, physiology

Comparative Biochemistry and Physiology Part B: Biochemistry & Molecular Biology is a peer-reviewed scientific journal that covers research in biochemistry, physiology, and molecular biology.

Comparative Biochemistry and Physiology A

Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology is a peer-reviewed scientific journal that covers research in biochemistry and

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Biochemistry (book)

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Biochemistry is a common university textbook used for teaching of biochemistry. It was initially written by Lubert Stryer and published by W. H. Freeman in 1975. It has been published in regular editions since. It is commonly used as an undergraduate teaching textbook or reference work.

More recent editions have been co-written by Jeremy Berg, Justin Hines, John L. Tymoczko and Gregory J. Gatto Jr and published by Palgrave Macmillan. As of 2023, the book has been published in 10 editions. Macmillan have also published additional teaching supplements such as course materials based on the book.

Biochemistry and Cell Biology

Biochemistry and Cell Biology is a bi-monthly, peer-reviewed scientific journal of biochemistry and cell biology established in 1964 by NRC Research Press

Biochemistry and Cell Biology is a bi-monthly, peer-reviewed scientific journal of biochemistry and cell biology established in 1964 by NRC Research Press. It is the continuation of Canadian Journal of Biochemistry and Physiology which split into Canadian Journal of Biochemistry and Canadian Journal of Physiology and Pharmacology in 1964. In 1983, Canadian Journal of Biochemistry was renamed Canadian Journal of Biochemistry and Cell Biology and acquired its current name Biochemistry and Cell Biology in 1986.

The journal is edited by James R. Davie (University of Manitoba) and Christopher J. Nelson (University of Victoria). The journal is affiliated with the Canadian Society for Molecular Biosciences and the Panamerican Association for Biochemistry and Molecular Biology.

Archives of Biochemistry and Biophysics

Archives of Biochemistry and Biophysics is a biweekly peer-reviewed scientific journal that covers research in biochemistry and biophysics. It is published

Archives of Biochemistry and Biophysics is a biweekly peer-reviewed scientific journal that covers research in biochemistry and biophysics. It is published by Elsevier. As of 2012, the editors-in-chief were Paul Fitzpatrick (University of Texas Health Science Center at San Antonio), Helmut Sies (University of Düsseldorf), Jian-Ping Jin (Wayne State University School of Medicine), and Henry Jay Forman (University of Southern California).

Biotechnology and Applied Biochemistry

Biotechnology and Applied Biochemistry is a bimonthly peer-reviewed scientific journal covering biotechnology applied to medicine, veterinary medicine

Biotechnology and Applied Biochemistry is a bimonthly peer-reviewed scientific journal covering biotechnology applied to medicine, veterinary medicine, and diagnostics. Topics covered include the expression, extraction, purification, formulation, stability, and characterization of both natural and recombinant biological molecules. It is published by Wiley-Blackwell on behalf of the International Union of Biochemistry and Molecular Biology. The editors-in-chief are Gianfranco Gilardi (University of Torino) and Jian-Jiang Zhong (Shanghai Jiao Tong University).

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