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chemical processes related to living organisms it is a laboratory based science combining biology and chemistry biochemists study the structure composition and chemical reactions of substances in living systems and in turn their functions and ways to control them biochemistry emerged as a separate discipline when scientists combined biology with organic inorganic and physical chemistry

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century when scientists combined chemistry physiology and biology to investigate the chemistry of living systems the study of life in its chemical processes

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the biology of the body or any living organisms
what is biochemistry introduction and overview thoughtco Oct 28 2022 web aug 11 2019 biochemistry is the study of the chemistry of living things this includes organic molecules and their chemical reactions most people consider biochemistry to be synonymous with molecular biology what types of molecules do biochemists study the principal types of biological molecules or biomolecules are carbohydrates lipids proteins

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21 2022 web biochemistry provides an international forum for publishing exceptional rigorous high impact research across all of biological chemistry this broad scope includes studies on the chemical physical mechanistic and or structural basis of biological or cell function and encompasses the fields of chemical biology synthetic biology disease biology cell biology nucleic acid biology neuroscience structural biology and biophysics

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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

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importance Dec 30 2022 web biochemistry study of the chemical substances and processes that occur in plants animals and microorganisms and of the changes they undergo during development and life it deals with the chemistry of life and as such it draws on the techniques of analytical organic and physical chemistry as well as those of physiologists concerned with the molecular basis of vital processes

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