

BIOANALYTICAL CHEMISTRY

Bioanalytical Chemistry, as the name indicates, is an integration of Biology and Analytical processes. It involves deep identification and analysis of different compounds and particles that form the base of life and health processes. The key elements that predominantly form most of the living matters and mammals are Carbon, Nitrogen, Oxygen, Calcium, Hydrogen, Sulphur and Phosphorous. The other elements present in lesser proportions are Sodium, Magnesium, Potassium and Chlorine. There is very minimal proportion of Iron as well. Bioanalytical chemistry analyzes and studies these elements that serve as biochemical pathways aiding the fundamental biological function. Bioanalytical chemistry furthermore deeply identifies and understands the nature of these elements and the different kinds of tasks performed including transmission of genetic data, energy production, energy utilization, etc.