

Special Issue

Cancer Functional Proteomics

Message from the Guest Editor

Cancer remains a leading cause of death worldwide, and functional proteomics is pivotal in understanding its intricacies. It identifies and characterizes proteins involved in cancer's development, progression, and treatment response, offering insights into functional changes in cancer cells and potential therapeutic targets. Techniques include protein profiling, interaction analysis, and post-translational modifications (PTMs). PTMs like phosphorylation and acetylation regulate protein function and cellular processes, shedding light on cancer mechanisms. Integrating data from these approaches paints a comprehensive picture of cancer cell proteomics, guiding therapy development and improving patient outcomes in oncology. Authors are invited to submit original research and reviews on functional proteomics in cancer research, encompassing various aspects and approaches for understanding proteomic dynamics, cancer development, progression, therapy resistance, and precise diagnostics, prognosis, and therapies.

Guest Editor

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