



Functional Proteomics

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Message from the Guest Editors

Dear Colleagues,

It is well established that protein–protein interactions direct a wide variety of biochemical functions and cellular processes. Despite their fundamental importance, it is currently estimated that only a few percent of these interactions have been correctly identified and functionally annotated. A number of proteomic and recombinant techniques have been developed for more comprehensive analysis, facing the risk of high error rates that are prohibitive for subsequent functional characterization(s).

The journal Proteomes therefore decided to set up a specialized issue on “Functional Proteomic Analysis”. We call for contributions describing advanced technologies and proven approaches for identification and characterization of functional protein-protein interactions in native systems. Original work, as well as short reviews, are welcome that should be focused, critical and address general issues, such as sensitivity, comprehensiveness, technical limitations or biases and error rates. This issue will serve as a valuable resource for scientists engaged in proteomic research and scientists using proteome data to solve biological questions.

