



High-Throughput Molecular Function Screens

Guest Editors:

Prof. Dr. Martin R. Schiller

Dr. Ronald Benjamin Babu

Prof. Nora B. Caberoy

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Message from the Guest Editors

High-throughput screening (HTS) technologies have transformed the rate of research within the biomedical sciences. While some of these technologies identify nucleic acid sequences, gene expression profiles, metabolites, or candidate drugs, many are now focused on different molecular functions. Technologies that define molecular functional relationships have the potential to systematize our understanding of the mechanistic basis driving cell process and their vulnerabilities that manifest as disease. In this Special Issue, the collection of review articles covers both the state-of-the-art functional high throughput screening technologies, and the future prospects for impacting biomedical sciences.

- High throughput functional screens
- Functional genomics
- Functional screening
- Assay development
- High Content Screening
- Algorithms and Analytical methods





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
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