



Single-Molecule Techniques

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Single-molecule techniques are the most desirable tool kits in many aspects of research today, not only to answer fundamental questions but also to enable high-sensitivity detection of small molecules and biomarkers. With their ever-improving spatial and temporal resolution, single-molecule techniques such as fluorescence microscopy, optical tweezers, and atomic force microscopy have enabled single-molecule analysis of increasingly complex systems, such as live cells.

In this Special Issue on “Single-Molecule Techniques”, we welcome both original research and review articles as well as protocols pertaining to current applications of single-molecule techniques in many different areas of scientific inquiry including structural studies, DNA- as well as protein-DNA biophysics, enzymology, chemical biology, medicinal chemistry, nanotechnology and many more. In addition, we aim to present exemplary research findings from single-molecule studies.

Dr. Soma Dhakal
Guest Editor





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Editor-in-Chief

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Message from the Editor-in-Chief

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