Special Issue

Biological Small Angle Scattering Techniques and Applications

Message from the Guest Editor

I would like to invite you to contribute to a Special Issue on “Biological Small Angle Scattering: Techniques and Applications” in the Journal *Applied Sciences.* Small angle scattering (SAS) in either X-ray or Neutron (SAXS/SANS) has become an essential technique in understanding biological structures and processes. The technique is amenable to samples in solution without crystallization and cryogenic preparation, providing an opportunity to study biomolecules in a more physiologically relevant condition. For example, the ensemble of structural conformations from SAS provides a critical understanding of large flexible and disordered systems. The contrast manipulation by SANS and deuterium labeling provides a viable approach to understand subunit structure in the context of the whole complex. In this Special Issue, we invite original articles, review articles, and case reports highlighting new developments of the technique and their applications to explore new aspects of biological systems. Those include but are not limited to new instrumentation, sample preparation, sample environment, data process, and analysis methods/software.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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