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NMR of Proteins and Small Biomolecules

Guest Editor:

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Deadline for manuscript submissions:
closed (30 June 2013)

Message from the Guest Editor

Dear Colleagues,

NMR is increasingly being used for the study of structure, dynamics and interactions of biomolecules. Accordingly, NMR experiment are frequently used to study peptides, proteins, nuclei acids or carbohydrates. Such studies are frequently conducted in pharmaceutical sciences to optimize small molecules for binding to relevant receptors and begin to play a crucial role in the drug design process. Another particularly exciting field is that we start to understand the correlation of dynamics and function of biomolecules based on NMR studies of internal dynamics.
All previously unpublished manuscripts covering all topics of structure and dynamics including aspects of the drug design process are welcome for this special feature of Molecules. Applications may be from both the solution- or the solid-state NMR field.

Prof. Dr. Oliver Zerbe
Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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