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Chemical Speciation of Organic and Inorganic components of Environmental and Biological Interest in Natural Fluids: Behaviour, Interaction and Sequestration

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Deadline for manuscript
submissions:

closed (15 October 2019)

Message from the Guest Editors

Dear Colleagues,

The chemical speciation of elements in natural waters and biological fluids is a key topic, essential for discussing the chemical reactivity of constituents in these systems. It is well understood that it is the chemical form of a metal or metalloids that conditions its reactivity, life time and fate in the environment.

We invite researchers to contribute with original articles or reviews that can give an update on the knowledge of chemical speciation of the main and trace organic and inorganic components of natural waters and biological fluids. Potential topics include:

- Papers that lead with chemical speciation or coordination chemistry of organic and inorganic components in aqueous solutions;
- Study of interactions of metals and ligands in aqueous solution simulating the composition of the natural waters, and determination of the thermodynamic aqueous parameters;
- Speciation analysis with new hyphenated techniques;
- Sequestration or removal of pollutants and potential remediation techniques.

Prof. Dr. Francesco Crea

Prof. Dr. Alberto Pettignano

Guest Editor



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Special Issue



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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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