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Liquid Membranes for Chemical Speciation and Fractionation

Guest Editor:

Prof. Dr. Carlos Moreno
Department of Analytical Chemistry, Faculty of Marine and Environmental Sciences, University of Cádiz, 11510 Puerto Real, Cádiz, Spain

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Message from the Guest Editor

Dear Colleagues,

Most speciation studies require the application of separation methodologies together with appropriate detection techniques. The development of non-chromatographic sample preparation methodologies has powered the interest for its application to fractionation and chemical speciation. Among them, liquid membranes may be used as a valuable tool to selectively separate chemical species from real samples, since they allow performing very simple and low aggressive extraction processes maintaining the inalterability of the samples during chemical separation.

The publication of this Special Issue will introduce recent advances in this interesting application of liquid membranes and will review the state-of-the-art and future perspectives