Special Issue

Novel Sample Preparation Techniques

Message from the Guest Editor

Sample preparation still is a key part in the whole analytical procedure, since it enriches the compounds of interest to enhance the sensitivity of the method and enables the clean-up of complex matrices to ride out the interferences. There are different types of sample preparation techniques such as solid-phase extraction, solid-phase microextraction or pressurized liquid extraction, which uses depends on the physical state of the sample (solid, liquid or gas) as well as the chemical properties of the compounds (i.e. polarity). Anyhow, research is still on-going to improve the well-established sample preparation techniques and to implement novel strategies in this field. In recent years, because of the emergence of high-tech technology, one of the goals in sample preparation techniques has been focused on achieving effective clean-up of the samples. Other goals are moving towards automatization, miniaturization and reduction/elimination of the organic solvents. This Special Issue invites original research articles or reviews on the development, evaluation and application of novel sample preparation techniques.

Guest Editor

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Editor-in-Chief

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