



Special Issue on Detection and Detectors in Analytical and Preparative Chromatography

Call for Papers

Separation and following analysis of individual substances which are in the complex natural or artificial mixtures has two main approaches: chromatography and electrophoresis. However, it is meaningless to perform the separation if the detection of the target substance (TS) is missing. The target substance should be detected and recognized without doubt together with the purity grade. It is especially important for preparative chromatography and electrophoresis.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Chemical, Temperature and Radioactivity Censors, Detection and Detectors in Analytical and Preparative Chromatography and Electrophoresis**. Potential topics include, but are not limited to:

- Detection Method
- Detection Protocol
- Detection Accuracy
- Detection and Detectors Development
- Progress in Mass Spectrometer (MS)
- Mass Spectrometer (MS) as a Detector in Chromatography
- Gas Chromatography – Mass Spectrometry (GC-MS)
- Supercritical Fluid Chromatography (SFC)
- Use of Corona Charged Aerosol Detection (CCAD) in Gas Chromatography
- Development in Supersonic Molecular Beams (SMB) Mass Spectrometry
- High-Performance Liquid Chromatography-Mass Spectrometry (HPLC-MS)
- Neurophysiologic Detectors (NPD) in High-Performance Liquid Chromatography
- Chemical, Temperature and Radioactivity Censors in Chromatography and Electrophoresis

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - *Detection and Detectors in Analytical and Preparative Chromatography***” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	April 10 th , 2023
Publication Date	June 2023

Guest Editor:

Prof. Ilija Brondz, Norwegian Drug Control and Drug Discovery Institute, Norway

Prof. Massoud Kaykhani, Gdańsk University of Technology, Poland

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