Call for Papers

“Biomolecular Mass Spectrometry”

Rapid progress has been made in the field of mass spectrometry (MS) and related techniques. The modern MS instruments allow for both qualitative and quantitative analyses of highly complex samples from biomaterials. One of the breakthroughs of MS in life science has been the development of ionization techniques for biological macromolecules, such as DNA, proteins and carbohydrates, which was recognized by a Nobel Prize received in Chemistry in 2002 given to a Japanese researcher, Koichi Tanaka. As described by information at the Nobel Prize ceremony, the 21st century is the “post-genomic era”, in which a variety of comprehensive analyses of different types of biomolecules has been widely explored using MS-based analytical techniques. In addition, clinical requirements, such as therapeutic drug monitoring and pathogenic bacteria profiling, facilitate the development of MS-based qualitative and quantitative technologies for clinical analyses of patient samples. Despite the increasing contributions of MS to analytical sciences, surprisingly, there has been no special issue with the title of “mass spectrometry” in this journal since 1991.

Here, we have decided to produce a special issue entitled “*Biomolecular Mass Spectrometry*” in September 2018, in order to trigger scientific discussions about MS for biomolecular analysis. Both basic and application works in MS-driven biomolecular analysis or MS, itself, for the analysis of biomolecules will be accepted if they represent novel work of significant and interesting content from the viewpoint of *Analytical Sciences*. Preliminary results will also be accepted as “Notes” if they represent novel work of significance and interest. Submitted papers shall be reviewed normally, according to the regular procedure of the journal. As Guest Editors, we would like to invite researchers from a wide range of disciplines to contribute to a paper on your recent and innovative research.

- 1. Deadline for the submission of the tentative title (to the Guest Editors): February 28, 2018**
- 2. Deadline for submitting of the manuscript: April 30, 2018**
- 3. Type of article: Reviews, Original Papers, and Notes**

We receive manuscripts electronically *via* the JSAC online submission system (<http://db.jsac.or.jp/submitmanuscripts>). In addition, please describe “*Special Issue: Biomolecular Mass Spectrometry*” at the head of the manuscript.

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