Selected papers from the 12th international students' conference “Modern Analytical Chemistry”, Prague 2016

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One of the most crucial parts of Ph.D. education is the art of scientific communication. As many other abilities, it could be mastered only by practical writing, publicizing, and holding lectures. The annual international students' conference “Modern Analytical Chemistry”, held at the Department of Analytical Chemistry, Faculty of Science, Charles University, Czech Republic from 2004, is one of the ways how Ph.D. students of analytical chemistry could cultivate their presentation and communication skills. Besides oral presentations at the conference, the participants could take advantage to publish their contributions in the conference proceedings (available on the conference webpage: <http://natur.cuni.cz/isc-mac/>), and from the last year—thanks to editorial executives of *Monatshefte für Chemie*—Chemical Monthly—also in regular scientific journal.

The present special issue of *Monatshefte für Chemie* brings 18 selected papers presented at 12th year of the conference (held on September 22 and 23, 2016), which

was attended by 48 participants from five European countries. The published contributions cover all parts of analytical chemistry, i.e., from the development of new analytical methods and techniques, up to the utilization of analytical chemistry in medicinal, nutritional, and historical research. We hope that attentive readers will find published contributions interesting and they will be assured that—thanks to new generations of analytical chemists—analytical chemistry is trendy, multifaceted, steadily developing science with bright and exciting future.

Last, but not least, as Editors of this special issue we would like to express our deep gratitude to the Editor-in-Chief of the journal, Prof. Dr. Peter Gärtner, and the Managing Editor, Dr. Christian Hametner, for their generous agreement to publish this issue and for their great support. We also would thank all referees for valuable comments that helped to improve the quality of the manuscripts, and to the staff of the Publisher, Springer Vienna, for their contribution to the special issue release.

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