19th ENQA & 7th CIAQA — Innovation for Sustainable Analytical Chemistry

Wendell Karlos Tomazelli Coltro

BrJAC's Guest Editor

Associate Professor

Institute of Chemistry, Federal University of Goiás

Goiânia, GO, Brazil

wendell@ufg.br

The National Meeting on Analytical Chemistry (ENQA) is organized by the Analytical Chemistry Division of the Brazilian Chemical Society. ENQA's main goal is to present and discuss the latest advances in analytical chemistry in Brazil. Since 1982, when the first ENQA was held, the event has traditionally been held every two years in different regions of Brazil.

The 19th ENQA was organized and held jointly with the 7th Ibero-American Congress on Analytical Chemistry (7th CIAQA) from 16 to 19 September 2018 at the city of Caldas Novas, Goiás. This was the first edition of ENQA to be held in the midwest region of Brazil. Caldas Novas is a touristic city and has the largest thermal water spring in the world.

The meeting was a great forum to review recent scientific contributions on electrochemistry, atomic spectrometry, mass spectrometry, analytical instrumentation, separation methods, sample preparation, environmental chemistry, energy, microfluidics, chemometrics as well as other topics in analytical chemistry. The 19th ENQA & 7th CIAQA received more than 1,100 submitted abstracts and was attended by over 1,200 participants who came from 25 states and Federal District in Brazil, and 3 other countries. The conference theme was focused on "Innovation for Sustainable Analytical Chemistry" and offered 5 short courses, 2 workshops, 4 symposia, 9 plenary talks, 2 round tables, 3 themed sessions, 4 technical talks, 80 oral presentations, 3 poster sessions and several social integration activities. The meeting also presented tribute and book release sessions.

In parallel with scientific programming, the meeting also promoted a 3-day exposition of companies associated with the analytical chemistry field, making possible interaction with technical experts to accomplish the latest instrumental advances and find solutions for all routine laboratory challenges.

Due to the remarkable indicators, the 19th ENQA can be considered one of the largest editions since 1982. The organizing committee gratefully acknowledges all sponsors including funding agencies, companies, the Royal Society of Chemistry and the National Institutes of Science and Technology (INCTBio, INCTAA, INCT-E&A and INCT-DATREM), who contributed to support the invited national and international speakers.

It is important to highlight some activities realized during the 19th ENQA. The themed session dedicated to "Women in Analytical Chemistry" was very successful and received over 250 participants. The integration with high school students also deserves mention. The activity named "ENQA in the Schools" provided a series of experiments with simple or no instrumentation and visual impact to demonstrate concepts and applications involving analytical chemistry. Overall, more than 500 students participated in this pioneering interaction. Other social activities included the donation of chemistry books. Around 90 books were received and donated to a charity organization. These actions were considered important for the host city.

For this special issue, we thank all authors for submitting their contributions and all reviewers for sharing their time and expertise to contribute to the quality of the issue dedicated to the 19th ENQA & 7th CIAQA. Lastly, we recognize the organizing and scientific committees and the overall staff for their support.

Enjoy reading.