

<b>Study Group / Task Force Name: Bioanalytics Study Group</b>
<b>Study Group / Task Force Members and Affiliations:</b> <b>Head of Study Group: Raluca-Ioana van Staden</b> – Romanian Chemical Society <b>Guenter Gauglitz</b> – Gesellschaft Deutscher Chemiker (GDCh) <b>Jan Labuda</b> – Slovak Chemical Society <b>Jacobus Frederick van Staden</b> – South African Chemical Institute <b>Marcela Alves Segundo</b> – ex officio <b>Wolfgang Buchberger</b> – ex officio <b>Hendrik Emons</b> – IRMM-JRC, European Commission <b>Jose M. Pingarron</b> – Spanish Royal Society of Chemistry <b>George Horvai</b> – Hungarian Chemical Society
<b>Objectives:</b> The aim of the Bioanalytics study group is to search ways for bringing closer the analytical and bioanalytical chemistry community. Main purpose of this group is besides „listing“ of methods and „applications“ a help for deciding which to use for what and warn about pitfalls. It might be a help for those using analytics in fields like life science, environment and food analysis and not being a really well-trained Analyzer.
<b>Activities and Outputs in 2017-2018 (e.g. reports, publications, seminars, meetings):</b>  A material called “Concept for study group Bioanalytics” was written and circulated through the members of the group. (see Annexes 1).  Guenter Gauglitz wrote a material on Biosensors – which is a great model for other materials related to tools and methods for bioanalysis. (see Annexes 2).  Raluca van Staden wrote a material on Stochastic sensors as new tools for bioanalysis (see Annexes 3).  Further invitations to specialist were send for materials related to proteomics, MS, microfluidics, and chromatography.  Over 1000 papers were published in bioanalysis only in 2018. Almost all meetings include in their sessions a session dedicated to Bioanalysis, demonstrating the high interest for the field.
<b>Activities planned for 2018-2019:</b>  Improving the membership of the group by involving more active members. Finalizing the materials related to Concept for the study group and Biosensors, Stochastic sensors, proteomics, MS, microfluidics, and chromatography in order to be able to publish them on the DAC site. Planning for a DAC analytical column to be publish in the near future – in which to present the concept. Preparing reviews related to bioanalysis, and their publication as open access for increasing the visibility of the study group. Planning for a special session on Bioanalysis at the next EUROANALYSIS conference.
Report submitted by: Raluca-Ioana van Staden
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