

## **International Conference in Analytical Cytometry 2017**

### **ČSAC Event Report**

In October 2017, Czech Society for Analytical Cytometry welcomed more than 40 local speakers and 10 international speakers from all over the world on the International Conference in Analytical Cytometry. The event was planned to the last detail and there was an extensive program enjoyed by 250 of participants. For an informal starting event, about 40 cytometrists on bikes and on in-line skates gathered for “bike scientific discussions” north along the Vltava river gorge. The 35km trip forged old and new friendships in a surprisingly beautiful weather.

On Saturday evening we realized, how important and sometimes overlooked ethics and responsibility in research are. Wonderful speech of Dr. Marek Vácha opened the conference with a very unusual topic and gathered the attention of all the science fields.

Sunday belonged to excellent international invited speakers. The day was opened by a great talk on chronic lymphocytic leukemia talk by Andrew C. Rawstron, Leeds. Great integration of phenotyping, and function testing based on massively multiparameter data and their interpretation was presented by Jonathan Irish from Nashville, USA (Jonathan was supported by International Society for Advancements of Cytometry as “ISAC Lecture”). Revealing stories of B cells were told by Marta Rizzi from Freiburg. Giuseppe Gaipa of Monza (representative of Italian “Gruppo Italiano de Citometria”) presented an overview of Cytometry in a Cell Factory. Enriching data analysis lecture was delivered by Yvan Saes, Ghent and an update on mass cytometry phenotyping by Henrik Mei, Berlin (both ISAC Scholars). At the end of the day CSAC proudly presented winners of two annual competitions for the best publications in cytometry. It was a long day with lot of information, therefore most participants joined the evening program with drinks, food and amazing music!

Monday and Tuesday lectures took place in three different halls. Each of them focused on different topics such as Cell biology, Clinical cases in flow cytometry or Image analysis. A wide range of studies from basic research and clinical cases to technical data and analysis was presented. During coffee breaks and lunch, we could visit some of CSAC partners and sponsors like BD or Beckman Coulter, who had educational lectures for those who were interested.

In hallways, there was presented over a hundred of scientific posters from Cell Biology, Immunology, Clinical Hematology, Imaging Cytometry, Microfluidics, Plant Cytometry or Reproduction Immunology. All were available during the whole conference and in the end, we could congratulate a winner for the best poster.

Full program together with a photogallery is to be found at [conference.csac.cz](http://conference.csac.cz)

Finally, many thanks belong to organizers especially Tomáš Kalina, Karel Souček and Rudolf Kinc and of course the whole CSAC Committee!

*Reported by Martina Fejtková*



Bike scientific discussions



Jonathan Irish, Vanderbilt University, Nashville, USA



Poster session