

## Workshop – The Future of Analytical Chemistry, 16 June 2020

About 20 people attended

### Introduction:

The presentation with questions and results from the surveys were given, attached.

- What can we do to increase our success rate at the Swedish Research Council?
- How are our proposals reviewed?
- How is other disciplines considering the discipline of analytical chemistry?
- Is there a way to “train” researchers outside our discipline?
- What can we do to enhance/improve the situation for basic research in analytical chemistry?

### Discussion:

- Define what is the basic science/research in Analytical chemistry (VR)
- Publish in high-ranked journals too – good work in analytical chemistry can be accepted in Nature and Science
- Method vs application, proposals for methods seems to have a negative value
- VR change yearly, the instructions in the guide for evaluators
- Lotta plans to lift back proposals that have been shifted out for unclear reasons
- Shall we share this summary with the VR-panel?
- The guideline document for the VR-panel was hastily reviewed – Update?
- Quality of data is important, important for all fields. Bad data can ruin good science!
- Enough applications to be funded. Where can analytical chemists get the funding for basic research? What is basic, definition? In the long run, it can turn out to be successful
- Bring up some pinpoints (strategic questions) – What can happen when there is no analytical chemistry. Join the forces in the community
- Collaborate in bigger groups national/international
- Jonathan Sweedler has written a readable editorial- Ingela disseminate the article
- Change VR-panel – will that solve the problem?
- Share success applications with others – How an application should be written and reviewed. Avoid doomed applications from the start
- A WS at SCS2021 for young people
- More visible in the media – both messy and good examples. Examples were given by, Gunnar and Jonas
- Present how analytical chemistry progress in other fields
- In the courses at the universities add other techniques, ie nonspecific analytical chemistry eg PCR
- Focus on a few strategic questions
- Highlight new techniques and open up for new fields
- Incl chemical analysis
- Feedback from the industry =>universities

**Actions for now:**

- Present/publish** the results of the surveys in a scientific journal.
- Put up a grant writing WS SCS2021**, for young people – Or maybe before deadline for VR 2021 -Give good examples, share successful proposals
- Change VR-panel**, book meeting with the responsible people
- Self esteem**