# Agenda

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<th>Time</th>
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| 11:00 - 11:30 | Introducing the BD FACSymphony: Next generation high parameter analyser  
*Dr. Joachim Brenner*  
Flow cytometry with up to 18 colours has become a useful tool for research. However, there is a requirement for more parameters per cell. In this talk we will present the new BD FACSymphony flow cytometer. This next generation instrument offers 30 channels (28 colours plus FSC/SSC) from 5 lasers and can be expanded up to 50 channels and 9 lasers with new laser lines becoming available. We will show the instrument features and options and give an outlook into the new exciting future of flow cytometry. |
| 11:30 - 12:10 | High parameter analysis in flow cytometry: New looks for old data  
*Dr. Jens Fleischer*  
Panel building for 28 parameters requires some knowledge on antigen expression and expected density. We will showcase an example panel to snapshot the immune status in a single tube. High parameter analysis using tools like visNE/tSNE, Phenograph, and Principal Component Analysis have become quite popular in high dimensional data analysis. In this talk we will show how these methods can be applied to flow cytometry data and how they can help in data interpretation. We will present 27-color data and compare traditional gating with new methods based on classic immunological markers. |
| 12:10 - 12:30 | New and better dyes for better science  
*Dr. Gemma Coma*  
With the arrival of new instruments, we also need new dyes. BD has developed a series of new dyes based on the BD Sirigen polymer technology. In this talk we will show how these next generation dyes can help you in your research and get better results. We will show you how we can help you in getting started with high parameter flow cytometry. |
| 12:30 - 13:00 | Questions and Discussion |