

Pre-conference Workshop at the *Europe Biobank Week 2018* in Antwerp, Belgium

09:00 – 12:30 on September 4th, 2018

Workshop 2: Biobank automated storage systems: experiences from experts

Workshop format: PPT-Presentations

Workshop Organizers: Sofie Goethals (Antwerp University Hospital)

Workshop Abstract:

In this interactive workshop we would like to present the audience an overview of different automation systems used by experts for their biobanking activities. We will present biobanks using the Askion system, a fully automated storage system at cryogenic temperatures below -150°C in the gas phase of liquid nitrogen. Furthermore, biobanks using Brooks and Hamilton automation storage system will be included.

Biobank storage automation has huge consequences, not only for the storage process, but for the entire biobank workflow. We would like to give an overview of the challenges and opportunities of implementing an automated storage system within a biobank. The audience will get an overview of things to consider before acquiring a new system. Also tips and tricks during the validation phase of the system will be put forward.

The speakers are all experienced with biobank automation and will be able to provide practical insight about their experience with automated storage systems.