

## **Facilitating accessibility to cryo-EM – The Swedish cryo-EM facility**

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### **Abstract**

The Swedish National Cryo-EM Facility at SciLifeLab has been in operation for 5 years and has made cryo-EM accessible to many research groups in the Sweden and the Nordics offering the full pipeline of service and training, including project planning, sample preparation, screening, data collection and data analysis. The SciLifeLab facility offers single-particle cryo-EM and cryo-ET of plunge-frozen samples, using a Talos Arctica for sample optimization/data acquisition and two Titan Krios cryo-transmission electron microscopes for high-resolution data collection. A service for micro-ED is also available as well as bi-weekly drop-in service for help with image processing. The tunable workflow for project handling makes it possible for users at any level of experience to access the service. Here I will present the functioning of the facility as well as some case study.