

Considerations For Running a Dedicated Cryo-EM Core Facility

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Due to high expenses, there are many considerations for running a successful cryo-EM core. Besides high upfront costs in starting the facility, the operational costs are also high mainly due to service contracts and salaries. The main purpose of the core facility needs to be considered, whether it is mainly for sample preparation and screening or generation of high-resolution structures. IT resource use is also intense for both data storage and processing, and will also depend on the main core functions. User support, training, and project tracking also must be carefully planned. These issues will be discussed as well as solutions implemented at the Cryo-EM Core at NYU Langone.