# Yale Cryo-EM Resource

## Glacios Access Request a

|  |  |  |
| --- | --- | --- |
|  | User and Billing Information | |
| 1 | User name |  |
| 2 | E-mail |  |
| 3 | PI name(s) |  |
| 4 | E-mail(s) |  |
| 5 | COA code  (also include split details if multiple COAs are used) |  |
|  | Scheduling preference | |
| 6 | Instrument (SHM Glacios or YSB Glacios) b |  |
| 7 | Favorite start/end date and time |  |
| 8 | Alternative dates and time |  |
| 9 | Will be an unattended or attended session? c |  |
| 10 | Who will operate the EM if unattended? |  |
|  | (Can skip this part if requesting an unattended session) Sample Information | |
| 11 | Experiment type (A. Screening; B. SPA data acquisition; C. Tomography data acquisition; D. TEM imaging) |  |
| 12 | Grid arrival date |  |
| 13 | Number of grids |  |
| 14 | Location of Grids (Tube label, Dewar# and Position) |  |
| 15 | Grid Box Labels and Grid position  (Make your labels LEGIBLE) | 1  2  3  4 |
| 16 | If not YCR, who will clip the grids? |  |
| 17 | Will you bring Autogrid rings and C-clips (Yes/No) |  |

a **Refer to the YCR Policy for samples allowed on each instrument and sign up rules.**

b SHM: Sterling Hall of Medicine; YSB: Yale Science Building.

c An **attended session** only applies to weekdays and YCR staff will provide partial or full service; An **unattended session** applies to any days and the user will conduct experiments independently. Only authorized independent users are eligible to reserve unattended sessions.

**Preliminary data** (optional, but are beneficial for attended sessions)

1. **Tomography**: A brief description of your sample and the target of interest; whether you plan to use subtomogram-averaging. It is recommended you attach a screenshot of a raw Cryo-EM micrograph.
2. **SPA**: It is recommended you attach image(s) showing the sample purity/quality, e.g. an SDS-PAGE gel image, negative-staining EM micrograph, and/or a raw Cryo-EM micrograph with the imaging conditions such as the microscope model, acceleration voltage, camera, dose, defocus, etc.