

NIKON BioStation USERS' GUIDE

If you are the first user:

1. Turn on the BioStation (switch is located at lower right side). It will take about 3 hours to warm up and ready to image.
2. Turn LED lamp (X-Cite) on, only if you do fluorescent image.
3. Turn on air pump on. Adjust air and CO2 flow rate.
4. Turn on computer
5. Login the Core Facilities Server.
6. Open BioStation IM program

If you are the last user of the day:

1. Take your sample away (don't dump in the sink or trash can)
2. Turn off LED lamp (X-Cite) if you use it.
3. Turn off BioStation.
3. Turn off air pump.
4. Disconnect the Core Facilities Server.

If you are not the last user of the day:

1. Take your sample away. (don't dump in the sink or trash can)
2. Exit BioStation IM program.
3. Leave BioStation and computer on.
4. Leave air pump and CO2 on.
5. Disconnect the Core Facilities Server.

Cancellation Policy:

After signing scheduler online, you may simply cancel your schedule online 24 hours before your scheduled time. Any cancellation within 24 hours of your schedule time, you will be charged for \$30.

If you have any questions and concern, please contact CAM staff.

*Always check
schedule on the NU
Core at the end of
your session*

*NU policy requires
no patient's
information be
used to label
clinical sample or
images that
appear on public
media.*

Acknowledging the Center for Advanced Microscopy

It is important that the use of the Center for Advanced Microscopy is properly acknowledged in your publications. Acknowledgement helps us demonstrate the impact we contribute to the research community, and it helps tremendously in our efforts to secure funding to bring you more cutting edge instruments and services.

So help us help you!

Anyone who uses the facility should acknowledge the Center for Advanced Microscopy by including a “General Acknowledgment”. If any specific equipment was used, they should ADD the corresponding paragraph that matches the instrument.

General acknowledgment

“Imaging work was performed at the Northwestern University Center for Advanced Microscopy generously supported by NCI CCSG P30 CA060553 awarded to the Robert H Lurie Comprehensive Cancer Center.”

Andor Spinning Disk

“Spinning disk confocal microscopy was performed on an Andor XDI Revolution microscope, purchased through the support of NCRR 1S10 RR031680-01.”

Nikon Multiphoton

“Multiphoton microscopy was performed on a Nikon A1R multiphoton microscope, acquired through the support of NIH 1S10OD010398-01.”

Nikon N-SIM

“Structured illumination microscopy was performed on a Nikon N-SIM system, purchased through the support of NIH 1S10OD016342-01.”

Zeiss PALM

“Microdissection was performed on Zeiss PALM laser catapulting microdissection system purchased with the support of NCRR 1S10RR025624-01.”

For example, if a user uses the PALM system, then the acknowledgment should read:

“Imaging work was performed at the Northwestern University Center for Advanced Microscopy generously supported by CCSG P30 CA060553 awarded to the Robert H Lurie Comprehensive Cancer Center. Microdissection was performed on Zeiss PALM microdissection system purchased with the support of NCRR 1S10RR025624-01.”

Users should also send a PDF copy of the papers they publish to [Joshua Rappoport](#).