

FY23 Advanced Imaging Core (AIC) Services and Fees

Prices will increase by 3% per each fiscal year

The AIC is the newest institutional core facility, and opened in December of 2020. The revised pricing structure listed below is effective as of July 1, 2022. Highly customized or non-standard projects may incur additional fees. Please consult the core manager for a quote for non-routine or special projects. All users must consult with the core manager prior to using the instruments. **Unless otherwise specified, imaging time charges will be rounded to the nearest 15 min. increment.*

Zeiss Elyra 7 Super Resolution Microscopy (SRM) Unit:

Initial consultation: \$103.00/consult

An initial detailed consultation with SRM Unit staff will be required of all users new to SRM technologies, which will be focused on experimental design and sample preparation (such as choice of fluorescent labeling and methods of sample preparation).

Consultation will be provided for up to 2 hours; the consultation fee will then be applied to an invoice for completed services at the core. The consultation fee cannot be applied towards new user training, but will be applied towards the first imaging experiment.

Follow-up consultations: \$128.75/hour

For extended consultations with investigators proposing complex projects, or who require in-depth assistance with imaging or post-acquisition software/data analysis, etc. This fee will be assessed at the discretion of the AIC manager. A minimum of one hour will be charged.

Initial training: \$82.40/hour/user

Initial training time is estimated to incur a minimum charge of 4 hours imaging time at the "core-assisted" imaging rate of \$82.40/hour. Beyond 4h, time will be rounded to the nearest 15 min. increment.

Imaging:

Imaging of fixed specimens by trained users: \$25.00/hour*
Live-imaging of specimens by trained users: \$51.25/hour*

SMLM imaging of fixed specimens by trained users: \$41.20/hour*
SMLM live-imaging of specimens by trained users: \$51.25/hour*

Imaging of fixed specimens by core manager: \$82.40/hour*
Live-imaging of prepared specimens by core manager: \$103.00/hour*

Data analysis on dedicated workstations (ZEN Black software):

Unassisted data analysis on the workstation: \$15.45/hour*
Assisted data analysis on the workstation: \$82.40/hour*

All users are expected to bring their external hard drives to backup data. Long-term data storage is available on servers maintained by the Molecular Bioinformatics (mBIO) Core. Please contact Dr. Daniel Johnson for details.

Example pricing structure for a new core user after the initial consultation and after one assisted imaging session:

\$103 initial consultation + \$329.60 training fee for one user (estimated @\$82.40/hour x 4 hours) + \$125 for 5 hours of unassisted imaging (@\$25/hour)= \$329.60 in training fees plus \$125 in unassisted image fees, for which the \$103 consultation credit will be applied = net of \$351.60 in fees that would be invoiced, inclusive of the initial training session and the first imaging experiment.

LaVision Ultramicroscope II Light Sheet Fluorescence Microscopy (LSFM) Unit*:

This instrument was relocated to Room 311 Johnson Building in June of 2021.

****TISSUE CLEARING SERVICES ARE NOT PROVIDED BY THE CORE. SAMPLE PREP PROTOCOLS MUST BE OPTIMIZED AND SPECIMEN CLEARING COMPLETED BY CORE USERS INDEPENDENTLY-- PRIOR TO IMAGING****

LSFM Initial consultation: \$154.50/consult

An initial detailed consultation with AIC staff will be required of all new users, which will be focused on experimental design and sample preparation (such as choice of fluorescent labeling and methods of sample preparation). Consultation will be provided for up to 2 hours at a cost of \$150; this consultation fee will then be applied towards a subsequent invoice for completed services. Note: The consultation fee and the credit towards completed services must be applied within the same FY period.

LSFM Follow-up consultations: \$128.75/hour

For extended consultations with investigators proposing complex projects, or who required in-depth assistance with software/data analysis, etc. This fee will be assessed at the discretion of the AIC manager. A minimum of one hour will be charged.

Initial training (estimated @3h): \$82.40/hour/user

Initial training time is estimated to incur a minimum charge of 3 hours imaging time at the "core-assisted" imaging rate of \$82.40/hour. Beyond 3h, time will be rounded to the nearest 15 min. increment. During the COVID pandemic, only one user per lab may be trained at a time.

Imaging:

Imaging of prepared specimens by trained users: \$30.90/hour*
Imaging of prepared specimens with core assistance: \$82.40/hour*

Data analysis:

Assisted data analysis with core staff: \$103.00/hour

All users are expected to bring their external hard drives to backup data. Long-term data storage is available on servers maintained by the Molecular Bioinformatics (mBIO) Core. Please contact Dr. Daniel Johnson for details.

Starting Materials and Special Reagents, LSFM: Must be provided by users

AIC external users:

External, academic 25%
External, commercial Contact the Office of Research