

## **SUPER-RESOLUTION CONFOCAL MICROSCOPE** **FACILITY@BSBE**

**Registration:** To avail of the Super Resolution Confocal Microscope facility at BSBE, IIT Bombay.

Registration is absolutely essential.

### **Registration Process:**

#### **External Users:**

Users outside IIT Bombay can apply from [https://rnd.iitb.ac.in/instrumental\\_facility\\_microscopy](https://rnd.iitb.ac.in/instrumental_facility_microscopy), External users can mail to [srconfocal@gmail.com](mailto:srconfocal@gmail.com) or [pradips@iitb.ac.in](mailto:pradips@iitb.ac.in) for registration.

#### **Academic Institutions:**

You can come in person or send your samples along with a letter from the Head / Guide on your College/Institute Original Letter Head for registration stating that the analysis is for research purposes to qualify for academic concession. The letter should be addressed to Prof-In-Charge Prof. Santanu Ghosh, Dept of Biosciences and Bioengineering, IIT Bombay, Powai, Mumbai-400076

#### **Industry & Non- Government Agencies:**

You can come in person or send your samples along with a letter for registration. The letter should be addressed to Prof-In-Charge Prof. Santanu Ghosh, Dept of Biosciences and Bioengineering IIT Bombay, Powai, Mumbai-400076

#### **National R & D Labs:**

You can come in person or send your samples along with a letter from your Institute's Original Letter Head for registration stating that the analysis is for research purposes. The letter should be addressed to Prof-In-Charge Prof. Santanu Ghosh, Dept of Biosciences and Bioengineering IIT Bombay, Powai, Mumbai-400076

In your request letter, you are requested to mention that “We agree to acknowledge the Super-Resolution Confocal Microscope Facility of IIT Bombay when the data are used in our papers/reports/thesis”. A list of such acknowledgments with appropriate references will be communicated via email at [srconfocal@gmail.com](mailto:srconfocal@gmail.com) or [pradips@iitb.ac.in](mailto:pradips@iitb.ac.in). Kindly send the publication reference (Journal name/volume number/names of the authors/date of issue of the publication etc.) to us as the continuing functioning of the lab needs this feedback.

**Please Visit BSBE Research Central Facilities here:** <https://youtu.be/N7BS4cYXJck>

## Charges for External Users

Basic Charges + GST\*(as applicable).

GST\* rate as on **15.08.2023**:

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- 1) If the recipient of the report is from Maharashtra:  
**9% SGST and 9% CGST**
- 2) If the recipient of the report is from outside Maharashtra:  
**18% IGST**

**Basic charges:**

<b>Charges for Fixed Sample</b>			
Number of hours	Users from External Academic Institutions	Users from Research Park & Central Laboratories	Users from Industry
2 hrs.	Rs 3000/-	Rs 6000/-	Rs 10000/-

**(Please add GST charges as mentioned above)**

<b>Charges for Live Sample</b>			
Number of hours	Users from External Academic Institutions	Users from Research Park & Central Laboratories	Users from Industry
2 hrs.	Rs 3000/-	Rs 6000/-	Rs 10000/-
12 hrs.	Rs 15000/-	Rs 30000/-	Rs 50000/-
18 hrs.	Rs 22500/-	Rs 45000/-	Rs 75000/-

**(Please add GST charges as mentioned above)**

## Payment Details:

### Bank Details for Electronic Transfer:

Bank Name: State Bank of India, IIT Powai Branch,  
Mumbai- 400076, India.  
Bank A/c No.: 10725729173  
IFSC/RTGS/NEFT: SBIN0001109  
MICR No.: 400002034  
Branch Code: 1109  
Swift Code: SBININBB519  
Telephone No.: +91-22-2572-1103

**For DD, payment should be in favour of "Registrar, IIT Bombay"**

- Appointment:** The users will be informed about their date and time slot by email.
- Sample Submission:** Samples are to be submitted at the time of registration or brought along on the date of your appointment for your sample analysis.
- Results:** After the slot is done the results will be sent by email to external users.

### GENERAL INSTRUCTIONS TO THE USERS

- ✚ The slot is 2 hours and a maximum of 4 numbers of samples are allowed in a slot, the charges mentioned are per slot.
- ✚ The live slot is 2, 12, and 18, hours, and a maximum 10 number of samples are allowed in a live sample slot, the charges mentioned are as per the duration time of the slot.
- ✚ The experimental data provided is only for research/development purposes. These cannot be used as certificates in legal disputes.
- ✚ The users should visit [https://rnd.iitb.ac.in/instrumental\\_facility\\_microscopy](https://rnd.iitb.ac.in/instrumental_facility_microscopy) for the sample preparation instructions as well as for the contact details and location of the Facility
- ✚ Add service charges at prevailing rates to the charges.

**Note : System is capable of doing all the 3 modes, but the facility will be majorly dedicated for doing Super-Resolution related work (iSIM and N-STORM).**



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI, MUMBAI

IRCC- Super-Resolution Confocal Microscopy, Central Facility,  
Department of Bioscience & Bioengineering.

Email: [srconfocal@gmail.com](mailto:srconfocal@gmail.com) or [pradips@iitb.ac.in](mailto:pradips@iitb.ac.in) Ph: 022-2159 6719 / 6746

**Registration Form for External Users**

1) Name of the User:.....

2) Name of the Institute/Organization: .....

(Appropriate letter to be enclosed; please see instruction sheet)

3) GSTIN: .....

4) Email: ..... Mo. No: .....

5) Name of Research Supervisor:.....

**Sample Information**

6) Description of the sample to be imaged: .....

(E.g., fixed mammalian cells on a slide, live bacteria in a Petri dish, etc. Please give as many details as possible.)

7) Number of samples/slides to be imaged: .....

8) Mode of Imaging:  I-SIM Confocal  N-STORM  Nikon Confocal

9) Fluorophores present in the sample: .....

10) Type of measurement requested:

- Single color Fluorescence  Multi-color Fluorescence  FRET  FRAP
- Z-Stack  Time series  Multi-point Imaging  Tile Imaging

11) Special Requirements if any: .....

*We agree to acknowledge the Spinning Disc Confocal Microscopy of IRCC, IIT BOMBAY in our Publications/Reports/Thesis in which the data is used with due feedback through email [srconfocal@gmail.com](mailto:srconfocal@gmail.com) or [pradips@iitb.ac.in](mailto:pradips@iitb.ac.in). Please send us a copy of the publication/thesis report.*

Signature of the User: .....

**Note:** 1) Samples should be brought by the user at the allotted time and the user should be present while the samples are being examined, 2) Fixed samples should be sealed between a glass slide and a cover slip 3) Live samples should be brought in 35 mm glass bottom Petri dishes.

**For Official Use only**

External User Registration No: ..... Date: .....

Date of experiment:     /     /20	Name of the operator:
Results sent date:     /     /20	Signature of operator: