

## **INSTRUMENT USER CHARGES**

### **INSTRUMENTS:**

1. X-ray Diffractometer (XRD)
2. Bio-layer Interferometer (BLI)
3. Patch Clamp Electrophysiology
4. Atomic Absorption Spectroscopy (AAS)
5. Gas Chromatography-Mass Spectrometry (GC-MS)
6. Gas Chromatography-Flame Ionization Detector (GC-FID)

### **1. X-RAY DIFRACTOMETER (XRD)**

#### **i. Powder XRD:**

Study	Charges per sample				
	CSIR labs	Government organization s/University/ Institutes	Private university/ Institute/Start ups	MSME	Industry
(i) Routine powder X-ray diffraction data collection (only data will be provided; no sample analysis will be included)	Rs. 400	Rs. 500	Rs.600	Rs.800	Rs.1200
(ii) Variable-temperature powder X-ray diffraction data collection	Rs. 5000	Rs.6250	Rs. 7500	Rs.10000	Rs.15000

#### **ii. Single crystal XRD:**

Study	Charges per sample				
	CSIR labs	Government organization s/University/ Institutes	Private university/ Institute/St artups	MSME	Industry
(i) Unit cell determination only	Rs. 800	Rs.1000	Rs.1200	Rs.1600	Rs.2400
(ii) Routine data collection (average data collection time on	Rs. 4000	Rs.5000	Rs.6000	Rs.8000	Rs.12000

## **INSTRUMENT USER CHARGES**

Mo/Cu source with default exposure)					
(iii) Data collection for absolute structure determination (full/hemisphere data collection using Cu source)	Rs. 5000	Rs.6250	Rs.7500	Rs.10000	Rs.15000
(iv) Crystal structure solution* (additional charges, if requested), including structure solution, final CIF preparation, and CCDC submission	Rs. 8000	Rs.10000	Rs.12000	Rs.16000	Rs.24000

### **2. BIO-LAYER INTERFEROMETER (BLI)**

<b>Charges</b>				
<b>CSIR labs</b>	<b>Government organizations/University/Institutes</b>	<b>Private university/Institute/Startups</b>	<b>MSME</b>	<b>Industry</b>
Rs.1000 /-per Initial three hours, Rs. 300/- for each additional hours (Without sensors)	Rs.1250 /-per Initial three hours, Rs. 375/- for each additional hours (Without sensors)	Rs.1500 /-per Initial three hours, Rs. 450/- for each additional hours (Without sensors)	Rs.2000 /-per Initial three hours, Rs. 600/- for each additional hours (Without sensors)	Rs.3000 /-per Initial three hours, Rs. 900/- for each additional hours (Without sensors)

### **3. PATCH CLAMP ELECTROPHYSIOLOGY**

<b>Charges per sample</b>				
<b>CSIR labs</b>	<b>Government organizations/University/Institutes</b>	<b>Private university/Institute/Startups</b>	<b>MSME</b>	<b>Industry</b>
Rs.50000	Rs.62500	Rs.75000	Rs.100000	Rs.150000

## **INSTRUMENT USER CHARGES**

### **4. ATOMIC ABSORPTION SPECTROMETRY (AAS)**

<b>Study</b>	<b>Charges per sample</b>				
	<b>CSIR labs</b>	<b>Government organizations/University/ Institutes</b>	<b>Private university/ Institute/Startups</b>	<b>MSME</b>	<b>Industry</b>
Flame (FAAS)	Rs.500	Rs.625	Rs.750	Rs.1000	Rs.1500
Graphite furnace AAS (G FAAS)	Rs.750	Rs.937.5	Rs.1125	Rs.1500	Rs.2250
Hydride generation (HGAAS)	Rs.1000	Rs.1250	Rs.1500	Rs.2000	Rs.3000

### **5. GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS)**

<b>Charges per sample</b>				
<b>CSIR labs</b>	<b>Government organizations/University/ Institutes</b>	<b>Private university/ Institute/Startups</b>	<b>MSME</b>	<b>Industry</b>
Rs.1500	Rs.1875	Rs.2250	Rs.3000	Rs.4500

### **6. GAS CHROMATOGRAPHY-FLAME IONIZATION DETECTOR (GC-FID)**

<b>Charges per sample</b>				
<b>CSIR labs</b>	<b>Government organizations/University/ Institutes</b>	<b>Private university/ Institute/Startups</b>	<b>MSME</b>	<b>Industry</b>
Rs.1500	Rs.1875	Rs.2250	Rs.3000	Rs.4500

\*For all above instrument user charges, GST will be added as applicable.

For any query, please contact:

**Dr. Suresh K Battina** (Coordinator, Biological Screening)

Email: bio-screen[AT]cdri.res.in

+91-522-2772450 EXTN. 4216

----- X-----X----- X -----