

Institute of Life Sciences, Bhubaneswar

ILS CIF Equipment (Inclusive of 18% GST)					Scientist in-charge	Facility Manager/Technician
Sl. No.	Instruments	Internal user charges (in Rs.)	Academia external & startup user charges (in Rs.)	Industry user charges (in Rs.)		
1	ABI 3500 Genetic Analyser	300/- per sample	600/- per sample	1000/- per sample	Soma	Niyati
2	Analytical Ultra-centrifuge (Optima AUC)	100/- per day	1,000/- per day	4,000/- per day	Dileep/Narottam/Tushar	
3	Apotome microscope	100/- per hour	1,000/- per hour	2,000/- per hour	Narottam	Bhabani
4	Bio-Plex (Minimum 1 Plate)	1,000/- per run	3,500/- per run	5,000/- per run	Satish	Paritosh
5	CD spectrophotometer (JASCO J-1500)	100/- per sample	500/- per sample	1,000/- per sample	Dileep/Narottam/Tushar	Ashish
6	Confocal microscope (SP8)	500/hr STED 200/hr confocal	7,500/hr STED 2,000/hr confocal	10,000/hr STED 3000/hr confocal	Narottam	Bhabani
7	Confocal microscope (STELLARIS)	500/hr STELLARIS 200/hr confocal	7,500/hr STELLARIS 2,000/hr confocal	10,000 /hr STELLARIS 3000/hr confocal	Narottam	Bhabani
8	Cryostat	100/- per hour	1,000/- per hour	2,000/- per hour	Shantibhusan	Madan
9	Cytek Aurora Full Spectra Flow Cytometer	1,000/- per hour	1,200/- per hour	1,500/- per hour	Sunil	Dr. Swatishree/Sreeparna
10	CyTOF System (Minimum 1 hr)	1,500/- per hour	5,000/- per hour	7,500/- per hour	Satish	Paritosh
11	Fluorescence activated cell sorter	500/- per hour	2,000/- per hour	3,000/- per hour	Satish	Paritosh
12	High content analyzer	50/- per hour	500/- per hour	1,000/- per hour	Narottam	Bhabani
13	Isothermal Titration Calorimeter (ITC)	100/- per hour	500/- per sample	1,000/- per sample	Dileep/Narottam/Tushar	Ashish
14	Live cell imaging microscope	100/- per hour	1,000/- per hour	2,000/- per hour	Narottam	Bhabani
15	LSR Fortessa Sorp (New)	250/- per hour	1,000/- per hour	2,000/- per hour	Punit/Satish	Paritosh
16	Multi colour Flow cytometer (LSR Fortessa)	250/- per hour	1,000/- per hour	2,000/- per hour	Punit/Satish	Paritosh
17	Multi-colour Flow cytometer (CytoFLEXS)	250/- per hour	1,000/- per hour	2,000/- per hour	Punit/Satish	Paritosh
18	Nanopore Sequencing (Oxford)	5,000/- per sample	6,000/- per sample	7,000/- per sample	Punit	Niyati
19	Sea Horse XFP Analyser	100/- per run	2,000/- per run	2,000/- per run	Gulam	Biswajita
20	SEM - FESEM-EDX	200/- per hour	2,000/- per hour	4,000/- per hour	Sanjeeb	Sunita
21	Tapestation (Instrument usage only)	500/- per sample	1,000/- per sample	2,000/- per sample	Punit	Niyati
22	Ultra-centrifuge	NA	200/- per hour	500/- per hour	Gulam	Biswajita
23	XRD (Single crystal; Rigaku)	100/- per dataset	1,000/- per dataset	4,000/- per dataset	Dileep/Narottam/Tushar	
24	Zeta Sizer (Particle size analyzer)	50/- per sample	250/- per sample	500/- per sample	Sanjeeb	Somalisa
ILS Transmission Electron Microscope (TEM) Facility (Inclusive of 18% GST)					Tushar	Ashwini
1	Use of microscope	350/- per sample per hr	2500/- per sample per hr	4500/- per sample per hr		
2	FC coated grids	350/-	500/-			
3	FC coated copper grids with negative staining	NA	1000/- per sample	1000/- per sample		
4	Block preparation for ultra-thin sectioning, a minimum of 4 samples	NA	1000/- per sample	2000/- per sample		
5	Use of ultra-microtome	100/- per hour	1000/- per hour	1500/- per hour		
ILS Animal Facility services (Exclusive of 18% GST)					Sarita	Biswajit
"Toxicity study of a compound using the animal model" : Acute Dermal Toxicity Test (OECD-404)						
1	Estimate for one concentration of drug	NA	22500/-	22500/-		
2	Estimate for two concentrations of drug	NA	34,500/-	34500/-		
ILS Next Gen Sequencing (NGS) services (Exclusive of 18% GST)					Sunil	Niyati
1	1 X 75bp (20 million / sample) using Nextseq-550 Illumina	13,000/- per sample	16,000/- per sample	18,000/- per sample		
2	2 X 75bp (20 X 2 million PE / sample) using Nextseq-550	20,000/- per sample	23,000/- per sample	26,000/- per sample		
3	2 X 150bp (20 X 2 million PE / sample) using Nextseq-550	28,000/- per sample	31,000/- per sample	35,000/- per sample		
4	Virus Genome sequencing followed by NGS analysis (per genome)	5,000/- per sample	8,000/- per sample	25,000/- per sample		
5	RNA / DNA isolation from virus (for NGS)	200/- per sample	250/- per sample	400/- per sample		
6	Total RNA isolation from mammalian cells (for NGS)	750/- per sample	1,000/- per sample	1,500/- per sample		
7	NGS library preparation for RNAseq for mRNA profiling	6,000/- per sample	8,000/- per sample	10,000/- per sample		
8	NAseq (>20 million paired end Reads) by Novaseq	6,000/- per sample	8,000/- per sample	10,000/- per sample		
9	ChIP-seq library preparation	5,000/- per sample	6,000/- per sample	8,000/- per sample		
10	Core-exome NGS library Preapration	6,000/- per sample	7,000/- per sample	9,000/- per sample		
11	V6+UTR exome Library preparation	10,000/- per sample	11,000/- per sample	15,000/- per sample		
12	NGS library prep using RNAseq kit for RNA viruses	6,000/- per sample	8,000/- per sample	10,000/- per sample		

13	NGS of the RNA virus (>30kb) libraries (>100X coverage), Nextseq 550	2,500/- per sample	3,000/- per sample	5,000/- per sample		
14	Analysis of the NGS data and mutation report generation	2,000/- per sample	2500/- per sample	5000/- per sample		
15	NOVAseq core-exome sequencing (Human / Mouse)	15,000/- per sample	18,000/- per sample	25,000/- per sample		
16	NOVAseq V6+UTR exome sequencing (Human / Mouse)	18,000/- per sample	20,000/- per sample	25,000/- per sample		
17	Deep Data Analysis (RNAseq, ChIP-seq, Exome, WGS, Metagenomics)	4,000/- per sample	5,000/- per sample	8,000/- per sample		
18	DNA quality check by Qubit and Tapestation	1,000/- per sample	1,500/- per sample	2,500/- per sample		
19	RNAseq library preparation using Ribodepletion for mRNA + lncRNA, sequencing Output>=50 million paired end reads/sample. Raw data with quality files will be provided. NOVAseq Illumina instrument	15,000/- per sample	18,000/- per sample	25,000/- per sample		
20	Nextseq 550 (Instrument usage only) / run	3,000/- per run	5,000/- per run	10,000/- per run		
21	Novaseq (ChIPseq)	12,000/- per sample	15,000/- per sample	20,000/- per sample		
22	Novaseq (Exome sequencing)	15,000/- per sample	20,000/- per sample	30,000/- per sample		
23	Novaseq (Instrument usages only) / run	5,000/- per run	8,000/- per run	15,000/- per run		
24	Novaseq (RNAseq)	12,000/- per sample	15,000/- per sample	25,000/- per sample		
25	Novaseq (Shotgun metagenomes)	10,000/- per sample	12,000/- per sample	18,000/- per sample		
26	Novaseq (Targeted gene sequencing, Customized Gene panel)	8,000/- per sample	10,000/- per sample	15,000/- per sample		
27	Novaseq NGS run cost / GB data output	1000/- per GB data	1200/- per GB data	1400/- per GB data		
ILS Single Cell Sequencing services (Exclusive of 18% GST)					Sunil	Niyati/Sreeparna
1	10X Chromium Single cell	5,000/- run	8,000/- per run	15,000/- per run		
2	5' Single cell RNA seq with BCR/TCR profiling (Novaseq run, output 40K reads / cell, target of 10,000 cells max)	5,00,000/- per sample (10,000 cells with 40K reads/cell)	5,50,000/- per sample (10,000 cells with 40K reads/cell)	6,00,000/- per sample (10,000 cells with 40K reads/cell)		
3	3' Single cell transcriptome sequencing (Novaseq run, output 40K reads / cell, target of 10,000 cells max)	5,00,000/- per sample (10,000 cells with 40K reads/cell)	5,50,000/- per sample (10,000 cells with 40K reads/cell)	6,00,000/- per sample (10,000 cells with 40K reads/cell)		
4	Single cell data analysis & report generation	10,000/- sample	12000/- per sample	15000/- sample		
ILS Bio Safety Level 3 Facility (Exclusive of 18% GST)						
1	BSL3	100/- per hour per room	300/- per hour per room	500/- per hour per room	Gulam/Soma	Biswajita
2	ABSL3	500/- per day per room	1,500/- per day per room	3,000/- per day per room	Shantibhusan	Dr. Amruta
ILS ABSL3 Facility services (Exclusive of 18% GST)					Shantibhusan	Dr. Amruta
1	Antiviral assay [n= 12 (6+6) animals; one candidate, one dose, endpoint data a-e]	1,00,000/-	3,00,000/-	4,00,000/-		
2	Immunogenicity study [n= 18 (9+9) animals; one candidate, one dose, endpoint data a, b, f & g]	1,00,000/-	3,00,000/-	5,00,000/-		
3	Vaccine potency study [n= 18 (9+9) animals; one candidate, one dose, endpoint data a-h]	1,00,000/-	8,00,000/-	12,00,000/-		
ILS Bioincubation Central Instrumentation Facility services (Exclusive of 18% GST)					Nivedita	
1	Plateexpress advion (Mass)	300/- per sample	500/- per sample	800/- per sample		Monalisha
2	FTIR (Fourier- Transform Infra Red)	150/- per hour	1,000/- per sample	2,000/- per sample		Monalisha
3	AAS (Atomic absorption spectroscopy) 8 elements detection	100/- per element	500/- per element	2,000/- per element		Sandeep/Monalisha
4	RT PCR (Real Time PCR)	50/- per run	300/- per run	400/- per run		Sandeep/Monalisha
UPLC Analytical						
5	A. Running Sample	1,000/- per sample	1,200/- per sample	2,000/- per sample		Sandeep
	B. Method Development	3,000/- per sample	5,000/- per sample	7,000/- per sample		Sandeep
Preparative column Purification						
6	A. Running Sample	1,000/- per sample	2,000/- per sample	5,000/- per sample		Sandeep
	B. Method Development	3,000/- per sample	5,000/- per sample	7,000/- per sample		Sandeep
ILS Meeting Facilities (Exclusive of 18% GST)					Pradhan (AO)	Sonali
Place/Venue		ILS employees	Booking by non-employees/agencies			
1	Auditorium	2,000/- per day	15,000/- (half-day), 20,000/- (full day)			
2	Conference Hall - 1	1,000/- per day	3,000/- (half-day), 5,000/- (full day)			
3	Conference Hall - 2	1,000/- per day	3,000/- (half-day), 5,000/- (full day)			
4	Road show program		5,000/- per day			
ILS Bioincubation Facility					Nivedita	Itishree
Incubatee type		Cost	Space			
1	Virtual Incubatee	2000/- per month incl GST	NA			
2	Desk Incubatee	2000/- per month incl GST	100 sq. ft; Sitting place			
3	Physical Incubatee - Category - I	17,000/- per month + GST	611.16 sq. ft; Two full room unit			

4	Physical Incubatee - Category - II	12,000/- per month + GST	514.32 sq. ft.; One full room unit			
5	Physical Incubatee - Category - III	6,500/- per month + GST	Independent one room			
6	Physical Incubatee - Category - IV	4,500/- per month + GST	Wet lab space & cabin space			
ILS Bio-Validation Services (Exclusive of 18% GST)					Soma/Gulam/Nivedita	Monalisha
	Assay	Academia external & startup user charges (in Rs.)	MSME (in Rs.)	Pharma Company (in Rs.)		
1	Cytotoxicity @ 3 conc	10,000/- per sample	15,000/- per sample	20,000/- per sample		
2	Antiviral Activity at the highest	20,000/- per sample	30,000/- per sample	40,000/- per sample		
3	Non cytotoxic conc IC50 with 7 conc.	25,000/- per sample	40,000/- per sample	50,000/- per sample		
4	Custom designed antiviral testing		additional 5000/- per sample			
5	Custom designed antiviral IC50		additional 5000/- per sample			
Start up Odisha					Nivedita	
1	Nodal Agency will be paid fee for review of registration & all other assistance as follows: Startup Recognition: One-time fee of Rs. 1,500 per application Monetary Grant Application: One-time fee of Rs. 5,000 per application, which shall also include the periodic review of startups' performance.					
ILS Laboratory Internship/Training Program Bench Fees					Pradhan (AO)	Dipti
1	1 Month		Rs. 7,000.00			
2	3 Months		Rs. 20,000.00			
3	6 Months		Rs. 35,000.00			

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