BIOCYTE EDUCATION AND RESEARCH FOUNDATION, SANGLI, MAHARASHTRA	
Standard operating procedures of cell line	**Revision No: 01**
	Date of Issue 25/10/2025
Cell biology Lab. SOP NO- BiRD/CBL/1	**Effective Date:25/10/2025**

Sr no.	Cell line code	Cell line Name details
Cancer Cell Line		
1	MCF-7	Human; Mammary gland; **Breast**; Adenocarcinoma cell line
2	MDA-MB-231	Human; Adenocarcinoma; **Mammary** gland cell line
3	HepG2	Human; **Liver** Cancer cell line
4	COLO 320DM	Human **Colon** Cancer cell line
5	COLO 205	Human **Colon** Cancer cell line
6	PC-3	Human; Adenocarcinoma; **Prostate** cell line
7	A549	Human; **Lung** cancer cell line
8	B16-F10	**Skin**; Melanoma cell line
9	HL-60	Human **Leukemia (Blood cancer)** cell line
10	MG-63	Human; **Osteosarcoma**; Bone cancer cell line
11	SH-SY-5Y	Human: **Brain**; **Neuroblastoma** cell line
12	SKOV3	Human; **Ovary** Adenocarcinoma cell line
13	HCT 116	Human **Colorectal** adenocarcinoma Cell line
14	HT-29	Human **Colorectal** adenocarcinoma Cell line
15	CaCo2	Immortalized Human **colorectal** Cell Line
16.	Caski	Human Cervical Cancer cell line
17.	HeLa	Human Cervical Cancer cell line
Normal Cell line		
A	L929	**Connective** Tissue; mouse, Mus Muscular
B	Min6	Mouse Mus Musculus; **Pancreatic B cells**
C	RAW 264**.7**	Murine Monocyte/ **Macrophage**- Anti-inflammatory cell line

List of Bacteria

	Gram positive strains	Purpose
Staphylococcus aureus	**ATCC no 6538**	**Antibacterial activity against gram + ve bacteria**
Bacillus subtilis	**ATCC no 6633**	
	Gram Negative strains	
E. coli	**ATCC no 8739**	**Antibacterial activity against gram -ve bacteria**
Pseudomonas aeruginosa	**ATCC no 15442**	
Proteus mirabilis	**ATCC no 43071**	
Klebsiella pneumoniae	**ATCC no 13883**	
	Fungal strains	
Candida albicans	**ATCC no 14053**	**Anti-fungal activity**
Aspergilus niger	**ATCC no 11414**	
Aspergilus brasiliensis	**ATCC no16404**	
	Other Strain	
Proponibacterium acne	**ATCC NO 11827**	**Antiacne activity**
Malassezia furfur	**ATCC no.14521-**	**Antidandruff activity**
Mycobacterium smegmatis	**ATCC no. 101-**	**Putative Anti Tubercular activity**