

CELL LINES CULTURED IN BIO-BLOCKS

This list consists of known cell lines grown in the Bio-Blocks by **Ronawk Scientists (RS)** or **Collaborating Scientists (CS)**. Ronawk is developing specific protocols that maximize the growth and viability for cell lines listed below.

Human Stem Cells

1. Human Wharton's Jelly Cells (MSC) - **RS**
2. Human Bone Marrow Derived Mesenchymal Stem Cells (MSC) **RS & CS**
3. Human Adipose Derived Mesenchymal Stem Cells (MSC) - **RS**
4. Human Skin Derived Induced Pluripotent Stem Cells (iPSC) - **CS**
5. Human Blood Cell Derived Induced Pluripotent Stem Cells (iPSCs) - **CS**

Primary Mammalian Cells

6. HepG2 Cells (Liver Carcinoma Cells) - **CS**
7. Human Adult Dermal Fibroblasts (Primary Cells) – **RS & CS**
8. Human Neonatal Dermal Fibroblasts (Primary Cells) – **RS & CS**
9. Human Adult Keratinocytes (Primary Cells) - **RS**
10. Mouse Dorsal Root Ganglia (Primary Neural Cells) – **CS**
11. Bovine Myocytes (Primary Cell Line) - **CS**
12. Primary Porcine Hepatocytes – **RS & CS**
13. Porcine Chondrocytes - **CS**
14. Porcine Osteocytes - **CS**
15. Equine Muscle Derived Stem Cells (Primary MSCs) - **RS & CS**
16. Primary Snail Cells (Grown – Needs Optimization) - **CS**

Immortalized Mammalian Cell Lines

17. UB-OC2 Cells (Mouse Cochlear Epithelium) - **CS**
18. Human Myoblastoma (Muscle Tumor) – **CS**
19. PC3 (Prostate Cancer) – **CS**
20. CHO (Chinese Hamster Ovary Cell) - **CS**
21. HEK293 (Human Embryonic Kidney Cell) - **CS**
22. Neuron SHSY5Y - **CS**

Primary Plant Cells

23. Rosemary - **RS**
24. Tobacco - **RS**
25. Tomato - **RS**



List as of 6/1/22. List growing monthly.