

Equipment available at SRU Centre for Regenerative Medicine and Stem Cell Research

Tissue Culture Lab within a Class 10000 particle Isolated Room	Laminar Air Flow Chamber Forma CO2 Incubator Nikon TE Eclipse Inverted Microscope with heated Stage Q Plus Imaging Software Magnetic Stirrer and Hot Plate Vacuum Pump Electronic Pipette Gun Blood Centrifuge Eppendorf Mini Fuge
Fluorescence Microscopy	Nikon TE 2000 Inverted Fluorescence Microscope Heated Stage for Live imaging for short periods Image Pro Analysis Platform
Molecular Biology Lab	Eppendorf Refrigerated Centrifuge 5804R Eppendorf Master cycler Gradient PCR IKA Tissue Homogenizer Mini Submarine Electrophoresis Unit Vertical SDS Electrophoresis Units Mini-Power pack for Electrophoresis apparatus Semi-Dry Blotting Apparatus. Eppendorf Bio photo meter
Biomaterial and Scaffold Preparation	Custom built Electro Spinning Platform for Nanofiber Scaffolds with a capacity up to 18 KV
General Lab Equipment	Vortexer Magnetic Stirrer and Hot Plate Circulating Water Bath Precision Balance pHMeter Autoclaves- 30L and 80 L capacity Hot Air Oven Minus 20C Freezer Refrigerators – 4 no's Dry Heat Bath Rocking Shaker Rolling Mixer