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ABBREVIATIONS

BDNF	Brain-derived neurotrophic factor
°C	Degree Celsius
cm	centrimetre
DMAA	<i>N,N</i> -Dimethylacetamide
ECM	Extracellular Matrix
ES	Embryonic Stem cell
GAGs	Glycosaminoglycans
G-CSF	Granulocyte-colony stimulating factor
GM-CSF	Granulocyte macrophage-colony stimulating factor
hr	Hour
HSCs	Hematopoietic Stem cells
kg	kilogram
kV	kilo voltage
mL	millilitre
MSC	Mesencymal Stem cells
PBMCs	Peripheral Blood Mononucleated cells
PBS	Phosphate Buffer Saline
PBSCs	Peripheral Blood Stem cells
PDGF	Platelet-derived growth factor

PLGA	Poly(D,L)-lactide-co-glycolide
PVDF	Polyvinylidene fluoride
RBC	Red blood cell
rpm	Round per minute
SEM	Scanning Electron Microscope
wt. %	Percent weight
μL	Microlitre
2D	Two-dimensions
3D	Three-dimensions