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Curriculum Vitae



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#### LIST OF ABBREVIATIONS

μL	Microlitre
3D	Three-dimensions
CESs	Circulating endogenous stem cells
CHAPS	3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate
DTT	Dithiothreitol
ECM	Extracellular Matrix
FBS	Fetal bovine serum
H&E	Hematoxylin and Eosin
hr	Hour
HSCs	Hematopoietic Stem cells
IAA	Iodoacetamide
IEF	Isoelectric focusing
IPG	Immobilized pH gradient
mA	Milliampere
mL	Milliliter
MS	Multiple sclerosis
MSCs	Mesencymal Stem cells
°C	Degree Celsius
PD Copyri	Parkinson's disease
PVDF	Polyvinylidene fluoride
RBC	Red blood cell
rpm	Round per minute
SEM	Scanning Electron Microscope
V	Volt

#### LIST OF SYMBOLS

α Alpha, Differentiation
 γ Gamma, Mean rate of cell to re-entering to the cell cycle
 β Beta, Apoptosis

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