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List of Abbreviations

α -MEM	Alpha Modified Eagle's Medium
ASC	Adult Stem Cell
BMT	Bone Marrow Transplantation
CD	Cluster of Differentiation
CFU-Fs	Fibroblast colony- forming units
DMEM	Dulbecco's Modified Eagle's Medium
DP	Dental pulp
DPSC	Dental Pulp Stem Cell
DSC	Dental Stem Cell
DT	Doubling Time
EGF	Epidermal growth factor
ERT	Enzyme replacement therapy
ESC	Embryonic Stem Cell
FACS	Fluorescence-activated cell sorting
FCS	Fetal Calf Serum
FITC	Fluorescein isothiocyanate
HA/TCP	Hydroxyapatite/tricalcium phosphate
HBSS	Hank's balanced salted solution

HLA	Human Leucocyte Antigen
hMSCs	Human mesenchymal stem cells
HSC	Hematopoietic Stem Cell
IEM	Inborn Errors of Metabolism
ITS	Insulin-transferrin-selenium
MPS	Mucopolysaccharidosis
MSC	Mesenchymal Stem Cell
NIH	National Institute of Health
PD	Population doublings
PDGF	Platelet derived growth factor
PDLSC	Periodontal ligament Stem Cells
SHED	Stem Cells from human exfoliated deciduous teeth
UCBSC	Umbilical Cord Blood Stem Cell
UCBT	Umbilical cord blood transplantation

INTRODUCTION

REVIEW OF LITRATURE

AIM OF THE STUDY

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***CONCLUSION AND
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SUMMARY