

Supplementary Table S2. Adipogenic cocktails used for dental tissue-derived stem cells and adipose derived stem cells

Dental stem cells		SHED	SHED	SHED	SHED	SHED	DPSCs	DPSCs	DPSCs	DPSCs	DPSCs
Basic Conditions	Basal media	DMEM/F12	Dulbeco	α -MEM	DMEM/F12	DMEM/F12	α -MEM	α -MEM	α -MEM	α -MEM	α -MEM
	FBS	10%	10%	10%	10%	10%	10%	10%	15%	10%	10%
Basic chemical factors	DEXA	1 mM	1 μ M	-	1 mM	1 mM	1 μ M	100 nM	-	0.5 μ M	10 nM
	INS	-	10 μ M	10 μ M	1.72 μ M	10 μ M	0.172 μ M	-	1.72 μ M	-	2 mM
	IBMX	500 μ M	500 μ M	500 μ M	500 μ M	500 μ M	500 μ M	-	500 μ M	0.5 μ M	500 μ M
	INDO	60 μ M	2000 μ M	60 μ M	60 μ M	200 mM	-	140 mM	50 μ M	50 μ M	-
Others	Hidro C	-	-	0.5 μ M	-	-	-	-	0.5 μ M	-	-
	Asc ac	-	-	-	-	-	-	-	100 μ M	-	-
Induction time	Differentiation (days)	14	21	42	14	14	56	21	28	28	21
References		[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]

ASC: human adipose derived stem cells, Asc ac: Ascorbic acid, DPSCs: dental pulp stem cells, DFSCs: dental follicle stem cells, DEXA: dexamethasone, FBS: fetal bovine serum, GMSCs: gingival-derived mesenchymal stem cells, Hidro C: hydrocortisone, INDO: indomethacin, INS: insulin, IBMX: isobutyl-methyl-xanthine, PDLSCs: periodontal ligament stem cells, SHED: stem cells from human exfoliated deciduous teeth. – not reported or not applicable.

Supplementary Table 2. Adipogenic cocktails used for dental tissue-derived stem cells and adipose derived stem cells (Continue)

Dental stem cells		PLSCs		PLSCs	GMSCs	ASCs	ASCs
		DPSCs DFSCs					
Basic Conditions	Basal media	α -MEM	α -MEM	α -MEM	α -MEM	DMEM/F12	DMEM/F12
	FBS	10%	10%	-	10%	10%	10%
Basic chemical factors	DEXA	1 mM	-	100 nM	1 nM	1 μ M	1 μ M
	INS	-	10 μ M	-	-	-	10 μ M
	IBMX	-	500 μ M	500 μ M	500 μ M	549 μ M	500 μ M
	INDO	60 mM	60 mM	50 mM	100 μ M	66 μ M	200 μ M
Others	Hidro C	-	500 μ M	-	-	549 μ M	-
	Asc ac	-	100 μ M	-	250 μ M	-	-
Induction time	Differentiation (days)	-	28	14	21	21	21
References		[11]	[12]	[13]	[14]	[15]	[16]

ASC: human adipose derived stem cells, Asc ac: Ascorbic acid, DPSCs: dental pulp stem cells, DFSCs: dental follicle stem cells, DEXA: dexamethasone, FBS: fetal bovine serum, GMSCs: gingival-derived mesenchymal stem cells, Hidro C: hydrocortisone, INDO: indomethacin, INS: insulin, IBMX: isobutyl-methyl-xanthine, PDLSCs: periodontal ligament stem cells, SHED: stem cells from human exfoliated deciduous teeth. – no included or reported.

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