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RESEARCH ARTICLE

3D-bioprinted RGD-Alg/GelMA/PCL scaffolds laden with Schwann-like cells for peripheral nerve reconstruction

Supplementary file

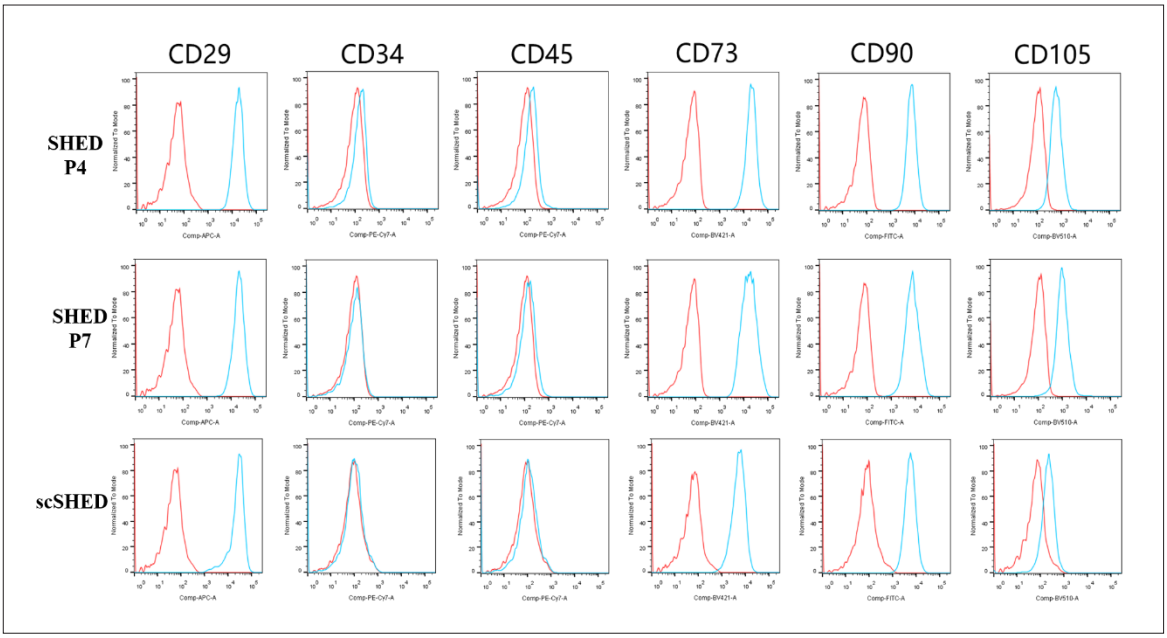

Figure S1. Flow cytometry analysis of stem cells from human-exfoliated deciduous teeth (SHEDs) and Schwann-like SHEDs (scSHEDs) at passages 4 and 7. Blue peaks denote SHEDs or scSHEDs, while red peaks denote the control.

Table S1. Materials used in this study

Materials	Purity	Code	Company
Gelatin methacrylate (GelMA)	MA ≥ 90%	299513	Aladdin, China
2-(N-morpholino) ethanesulfonic acid (MES)	≥ 99.5%	M163013	Aladdin, China
N-(3-dimethylaminopropyl)-N'-ethylcarbodiimide (EDC)	≥ 98.0%	E106172	Aladdin, China
N-hydroxysulfosuccinimide (sulfo-NHS)	≥ 98.0%	H109337	Aladdin, China
Hydroxylamine	50%wt. in H_2O	H164487	Aladdin, China
Lithium phenyl(2,4,6-trimethylbenzoyl) phosphinate (LAP)	≥ 98.0%	L0290	TCI Shanghai, China
Polycaprolactone (PCL)	N/A	P871874	Macklin, China
Arginine-glycine-aspartic acid (RGB) peptide	97.1%	984892	Chinese Peptide Co., Ltd., China
Sodium alginate (SA)	N/A	180947	Sigma Aldrich, Germany

Abbreviations: MA: Methacrylate; N/A: Not available.