

Supporting Information

ORIGINAL RESEARCH

Ningjia Sun, Shi Yin et al

Graphene Oxide-Coated Porous Titanium for Pulp Sealing: An Antibacterial and Dentino-inductive Restorative Material

Ningjia Sun^{#a}, Shi Yin^{#a}, Yuezhi Lu^a, Wenjie Zhang^{†a}, Xinquan Jiang^{†a}

^aDepartment of Prosthodontics; Shanghai Engineering Research Center of Advanced Dental Technology and Materials; Shanghai Key Laboratory of Stomatology & Shanghai Research Institute of Stomatology; National Clinical Research Center for Oral Diseases; Shanghai Ninth People's Hospital, College of Stomatology, Shanghai Jiao Tong University School of Medicine, No. 639 Zhizaoju Road, Shanghai 200011, China.

[†]Correspondence: Email xinquanj@aliyun.com; zhangwenjie586@126.com

Tel 86-21-63135412

Fax 86-21-63136856

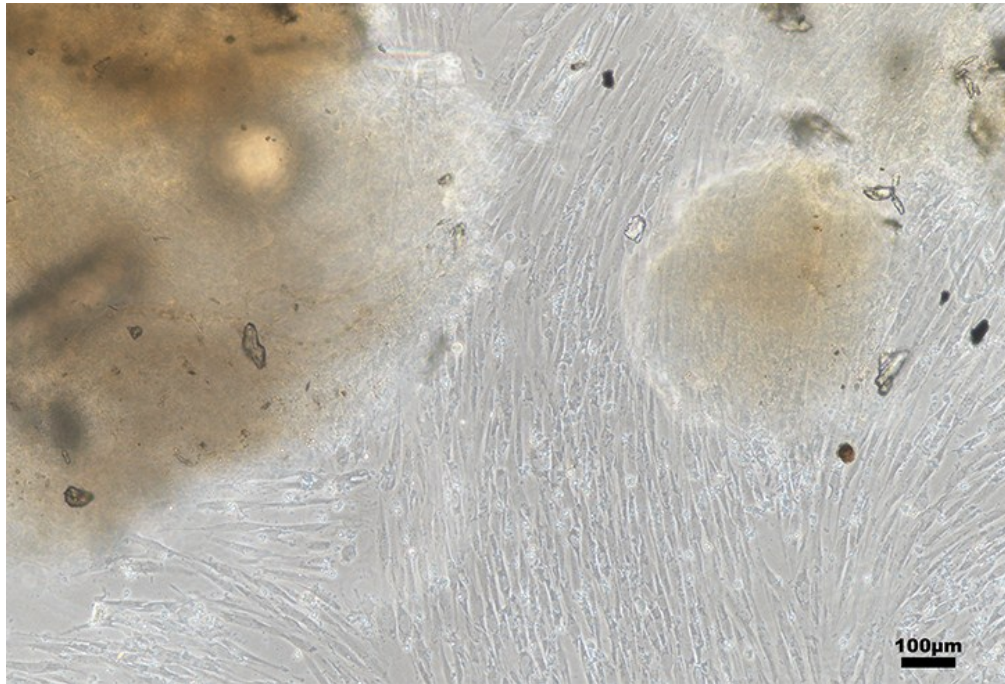


Figure S1 The primary hDPSCs crawled out of the tissue blocks and presented a fibroblast-like spindle shape.

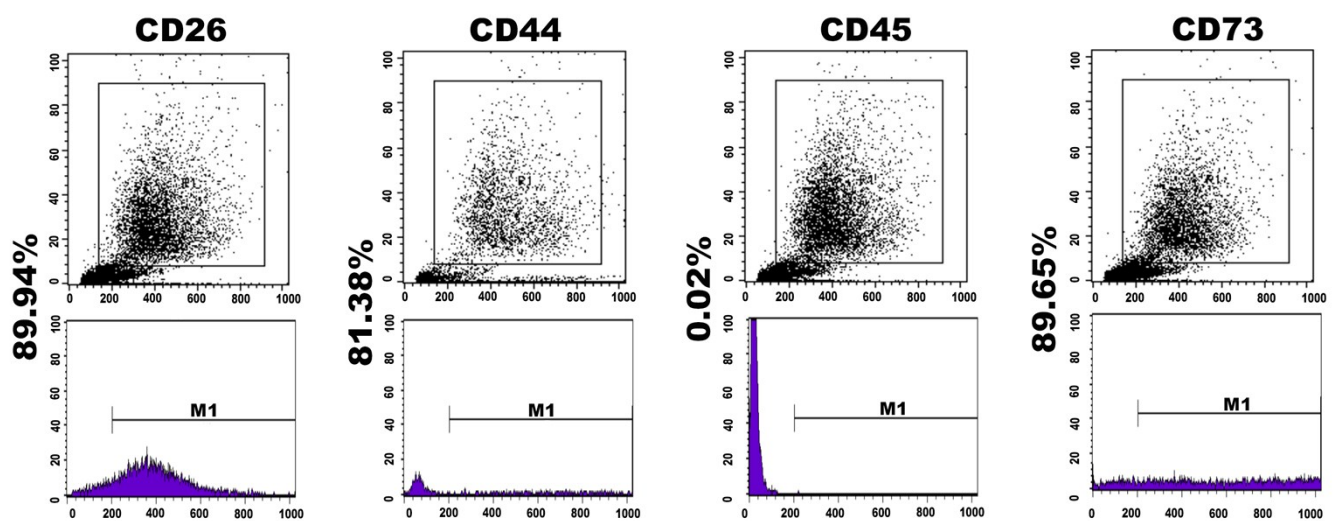


Figure S2 At passage 7, the stem cell surface markers were detected by flow cytometric. It was revealed that the cultured cells expressed high levels of the mesenchymal stem cell surface markers CD29, CD44 and CD73 (89.94%, 81.38% and 89.65%, respectively), while the marker of hematopoietic stem cells CD45 (0.02%) was hardly expressed.