

## Supplementary Figures

### **Molecular imprinting as a simple way for long-term maintenance of the stemness and proliferation potential of adipose-derived stem cells: an in vitro study**

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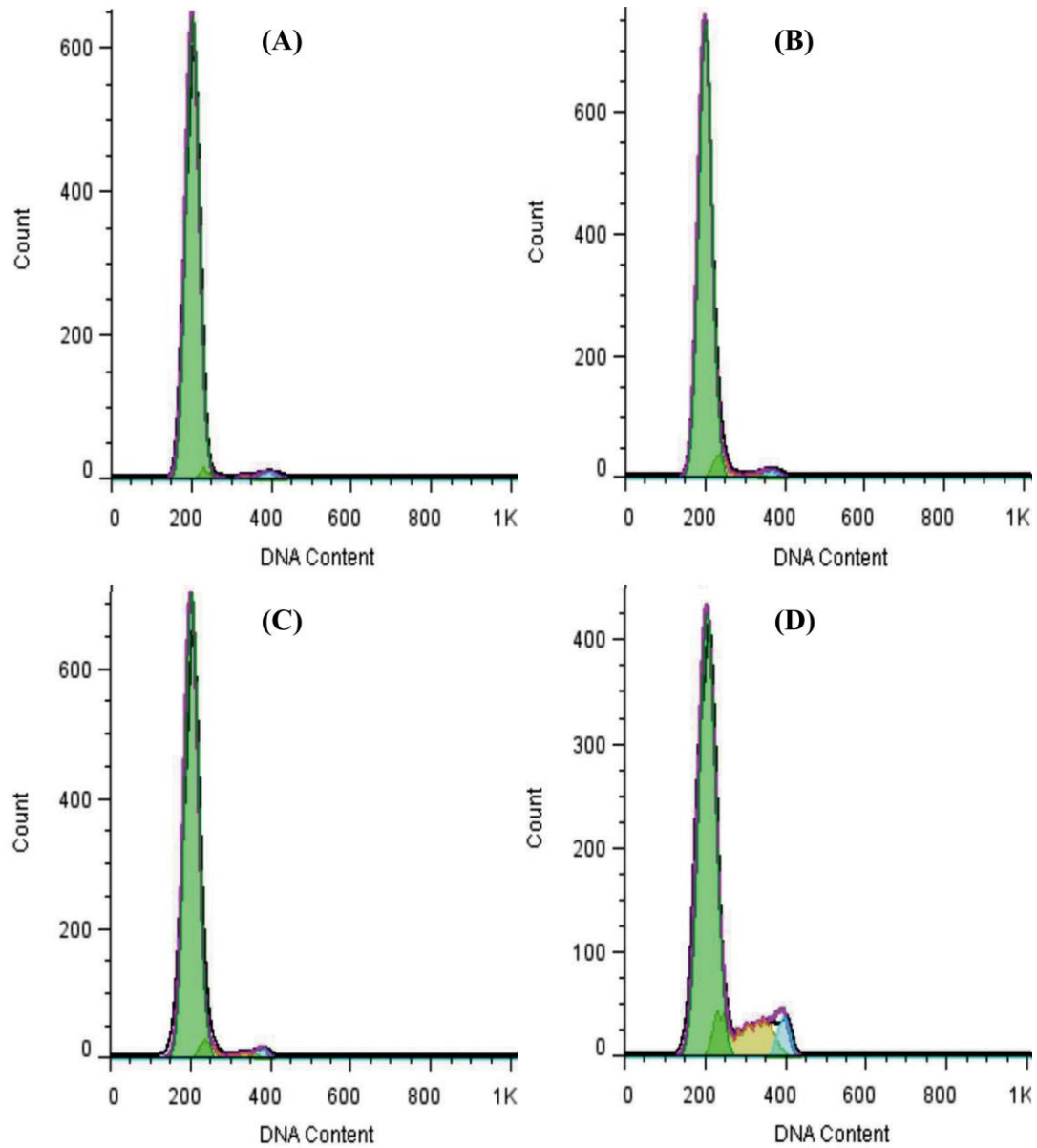


Fig. S1- Cell cycle analysis. (A) Freshly isolated ADSCs (B) ADSCs after eight subcultures on TCP (C) ADSCs after eight subcultures on non-patterned PDMS (D) ADSCs after eight subcultures on ADSC-imprinted PDMS.

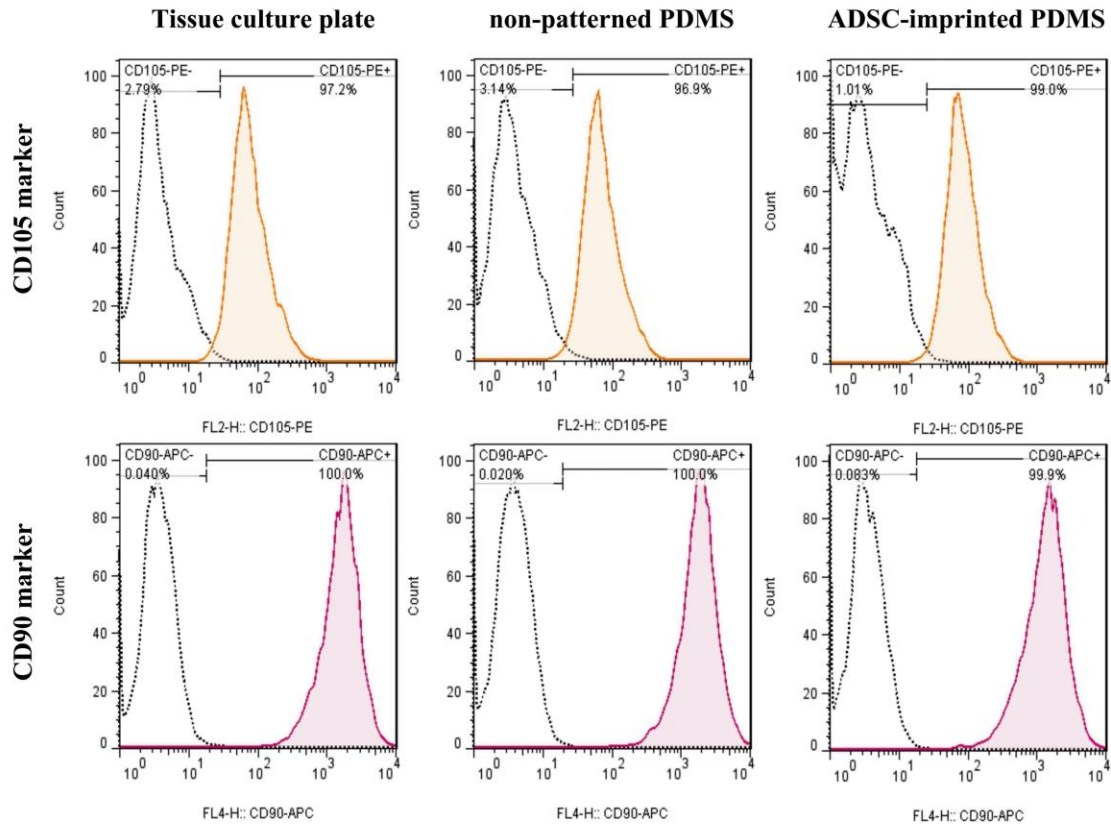


Fig. S2- Flow cytometry results for CD105 and CD90 markers after 8 weeks of ADSCs cultured on different substrates in DMEM. ADSC stands for adipose-derived stem cell. The dotted black lines are attributed to isotype controls.

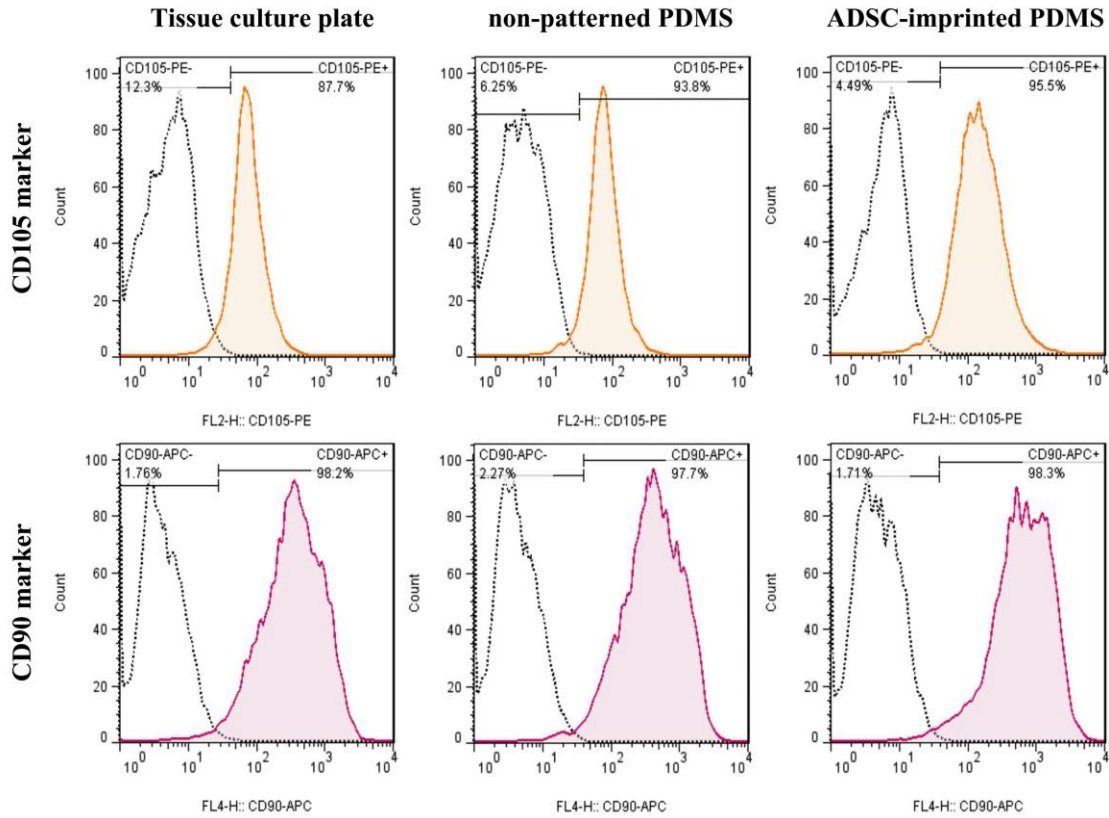


Fig. S3- Flow cytometry results for CD105 and CD90 markers after 14 days of ADSCs cultured on different substrates in adipogenic medium. ADSC stands for adipose-derived stem cell. The dotted black lines are attributed to isotype controls.