

## **Supplemental Figure 1.** A previously derived highly aligned ECM nanofibrous scaffold (left), which directed

hMSCs' orientation when they were grown on the nanofibers under 2% oxygen for 7 days (right).

Supplemental Figure 1. A previously derived highly aligned ECM nanofibrous scaffold (left), which directed hMSCs' orientation when they were grown on the nanofibers under 2% oxygen for 7 days (right).