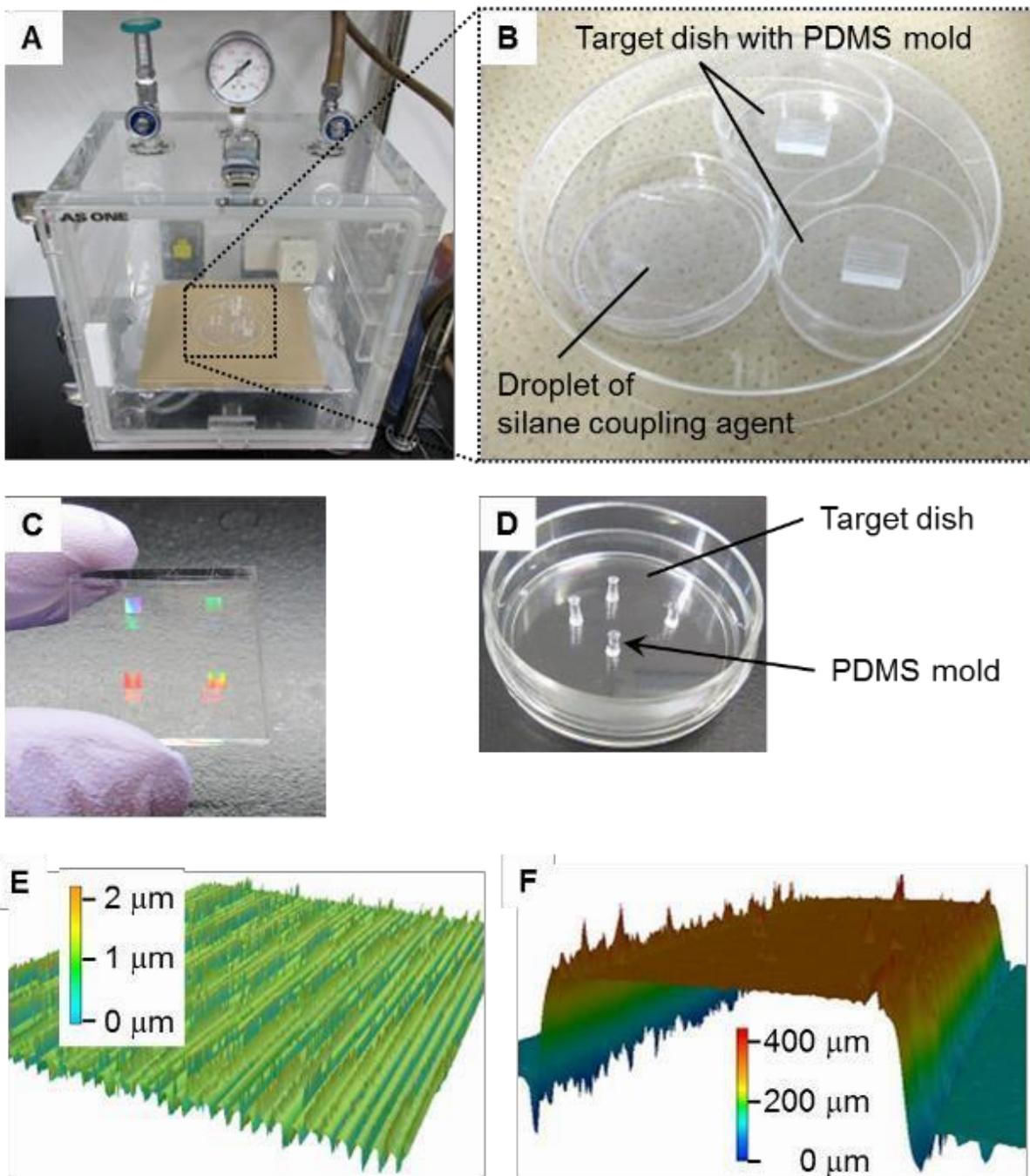


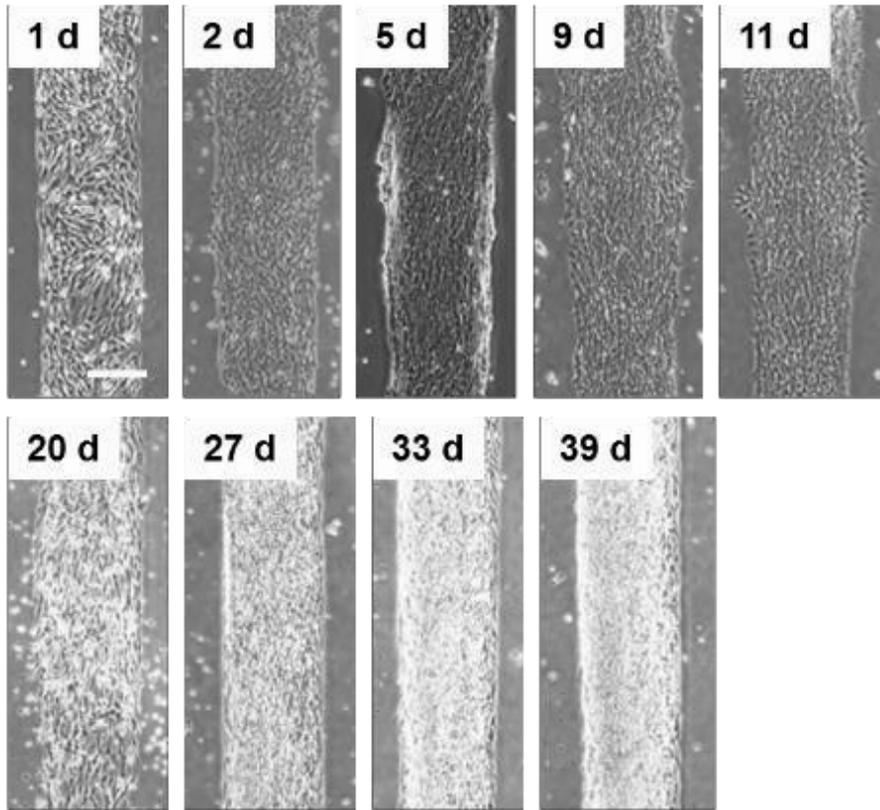
Supplementary Figure 1



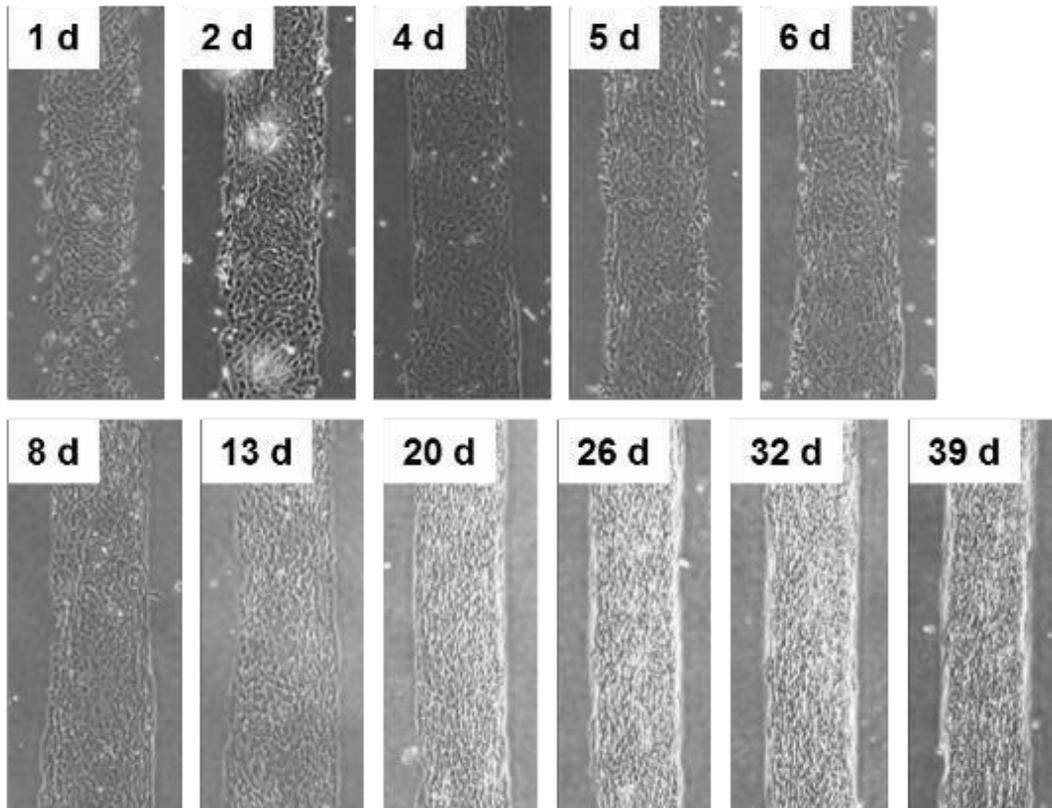
Supplementary Figure 1. (A) Photo of silane coupling agent immobilization in a vacuum desiccator. (B) Close-up view of target dishes and the dish containing silane coupling agent. (C) Photo of a plate of having four PDMS molds with nano grooves. (D) Photo of four PDMS molds which were placed on a target dish. (E) A three-dimensional image of a PDMS mold with nano grooves. (F) A three-dimensional image of a PDMS mold with micro grooves.

Supplementary Figure 2

A: Glass bottom dish



B: Polystyrene dish



Supplementary Figure 2. Microphotographs of cell patterns during 39-d-cultivation of C2C12 cells on (A) a glass bottom dish and (B) a polystyrene dish. The white bar indicates 200 μm length and the scales of all microphotographs are the same.