

Figure S1. Scanning electron microscopy for nanomatrix. The image with random nano-scale polymer fibers was provided by the manufactory.

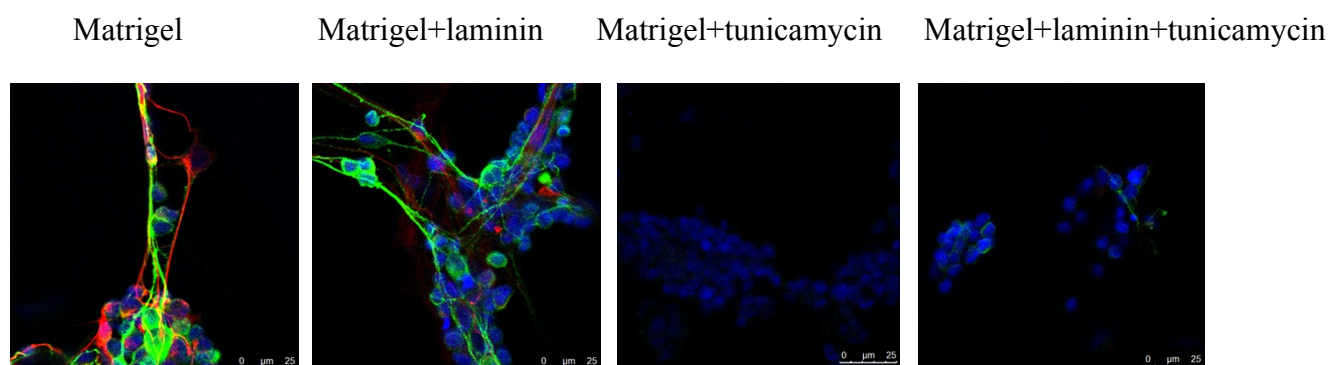


Figure S2. Differentiation of NSCs in the 3D ECM upon 3 d tunicamycin exposure conditions was examined. NSCs in the 3D ECM were exposed to tunicamycin for 3 d, then immunofluorescent staining for nestin (red) and MAP2 (green) was performed. Scale bars indicate 25 μm .