**FIGURE S1.** A schematic representation of the centrifugation cell attachment assay.

To examine the binding abilities of HCECs, the centrifugation cell attachment assay described by Friedlander et al. was performed with some modification. The cultured HCECs were added to U-bottom 96-well culture plates immobilized with collagens, laminins or proteoglycans and the plates were then centrifuged. The attached cells were evaluated under a phase contrast microscope.