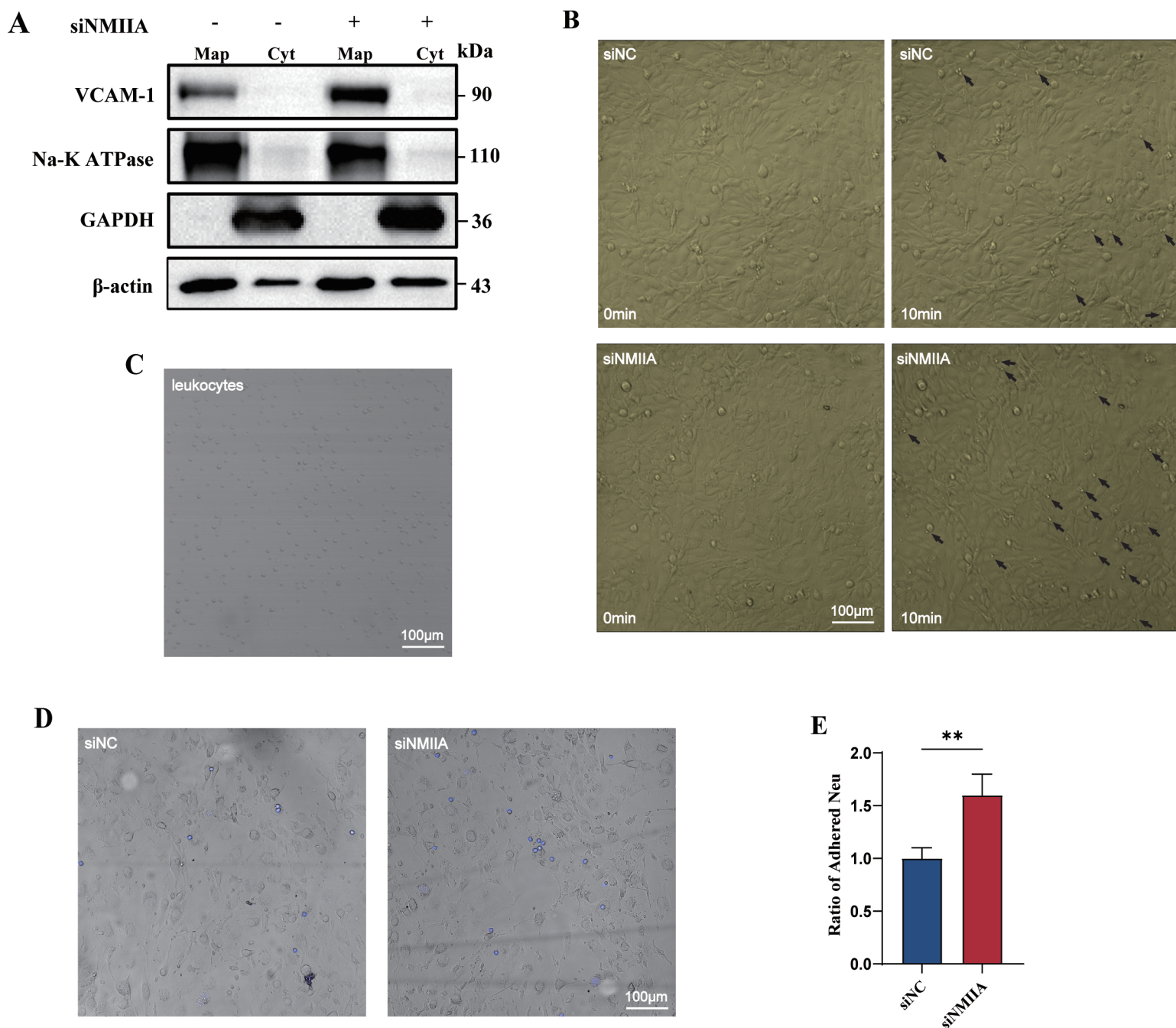




Supplementary Figure S2. (A) Western blot analysis of VCAM- 1, Na⁺/K⁺ ATPase and GAPDH in membrane and cytosolic fractions isolated from bEnd.3 cells following NMIIA knockdown. (B) Representative micrographs showing endothelial-leukocyte adhesion under physiological shear stress using an ibidi flow chamber system. Images were captured at the start (0 minute) and after 10 minutes of flow. Adherent leukocytes are indicated by black arrows. (C) The phase contrast microscope of leukocyte. (D) Hochest labelling leukocyte were allowed to adhere the bEnd.3 cells at 10 minutes of flow. (E) Quantification of leukocyte adhesion. The graph shows the ratio of the number of leukocytes adhering to endothelial cells within a 10-minute flow period between experimental groups. An adhesion event was defined as a leukocyte remaining stationary for >30 seconds. Data are presented as the mean of three independent fields of view per group. (A-E) n=3 independent biological experiments.