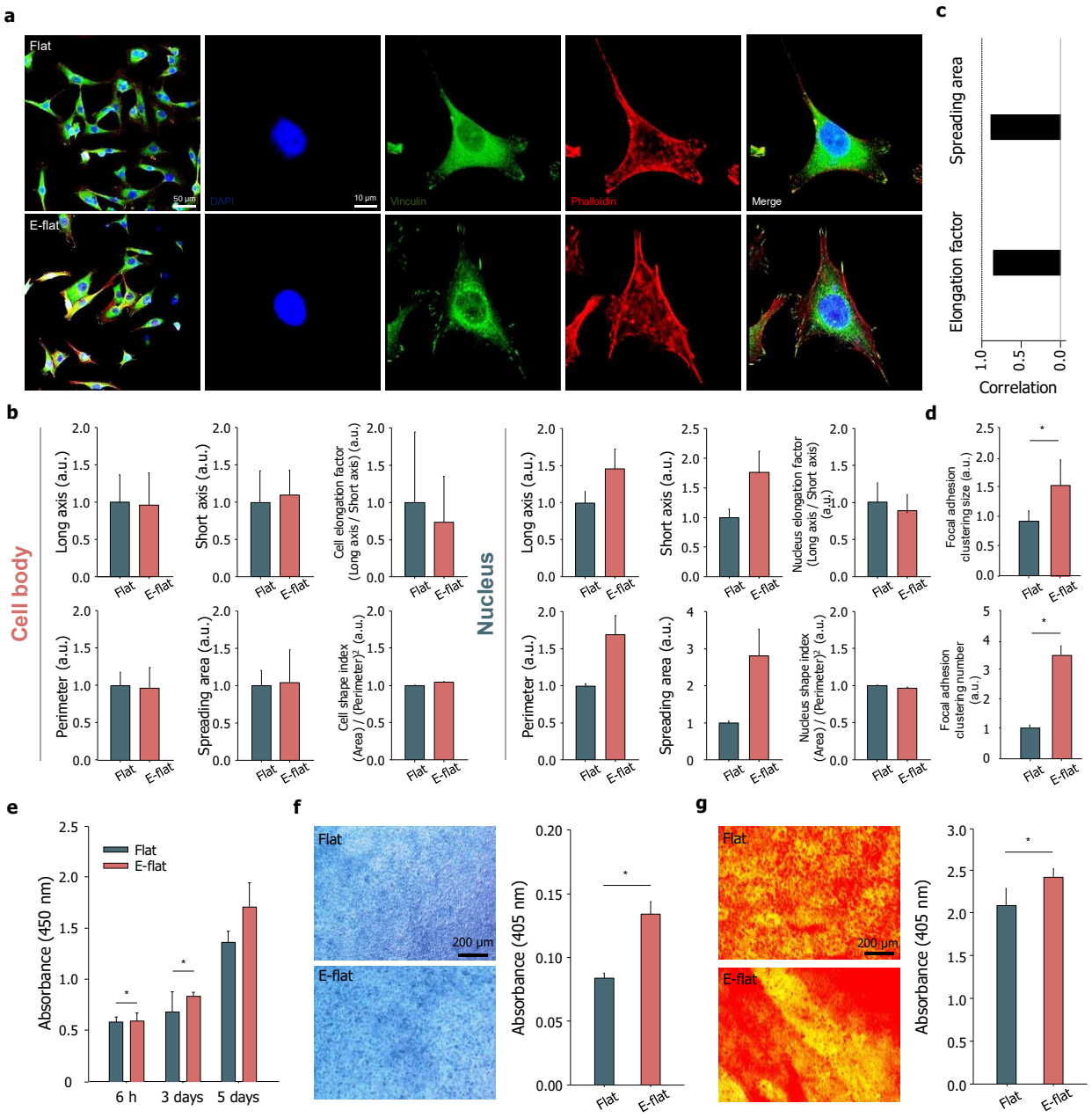

Figure 2. Effect of SEP-coated flat topography on cell morphology, proliferation, and differentiation. (a) Immunofluorescence image at the multi- and single-cell levels of phalloidin (red), vinculin (green), and DAPI (blue) of osteoblasts cultured on the SEP-coated flat topography. (b) Quantitative analysis of the cell body and nucleus (c) Correlation of cell the body with nucleus. (d) Number and size of focal adhesions on the SEP-coated flat topography. (e) Proliferation of cells on the SEP-coated flat topography. (f) Alkaline phosphatase staining of osteoblasts during osteogenesis induction on the SEP-coated flat topography. (g) Mineralization (ARS) staining of osteoblasts during osteogenesis on the SEP-coated flat topography.