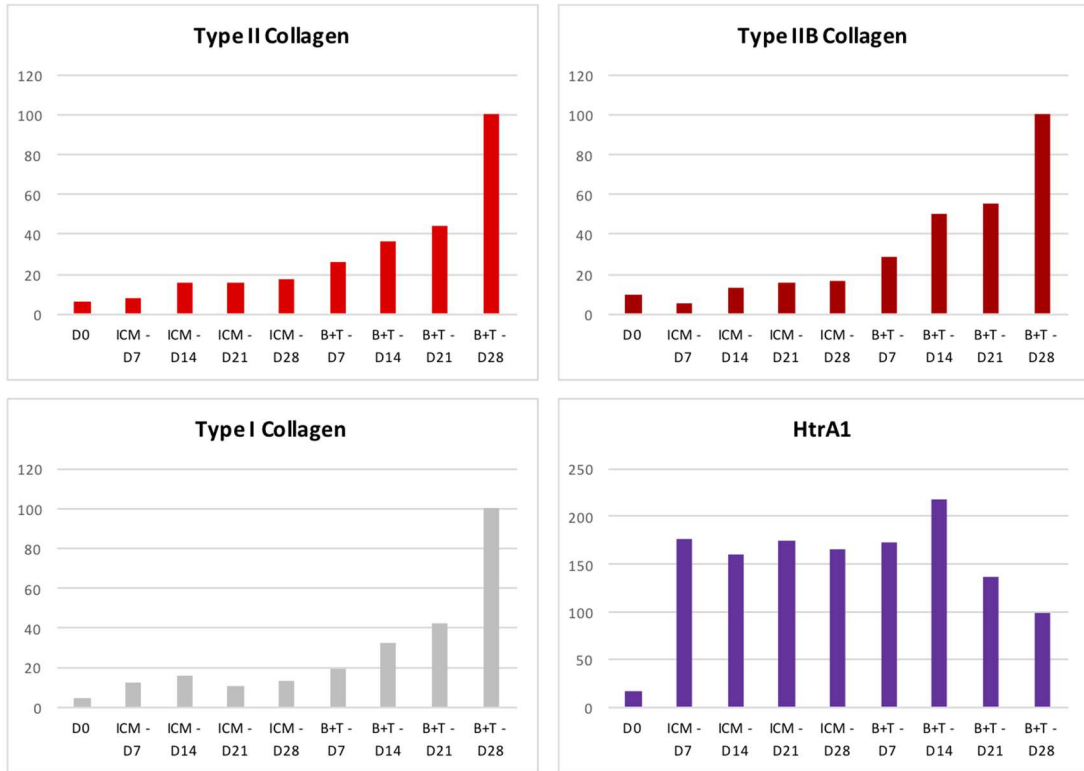
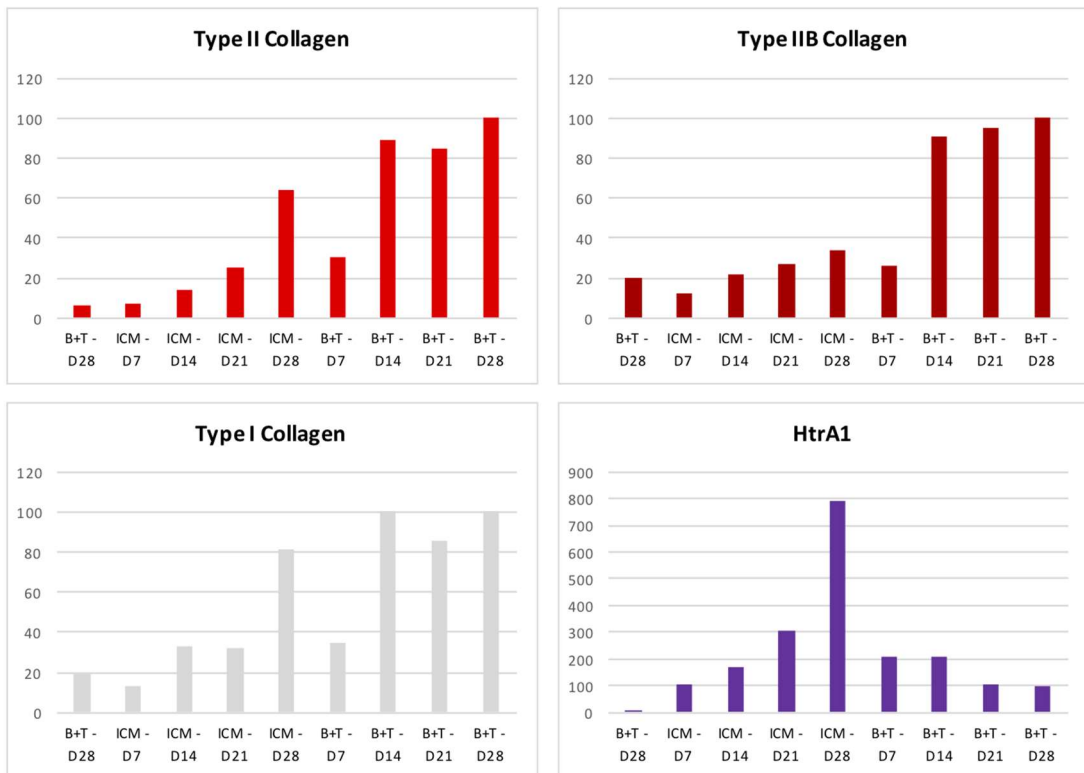


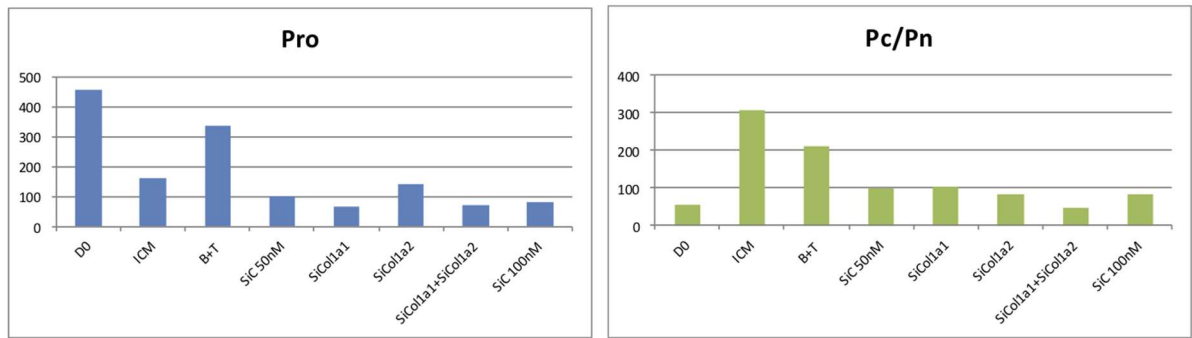
**A**



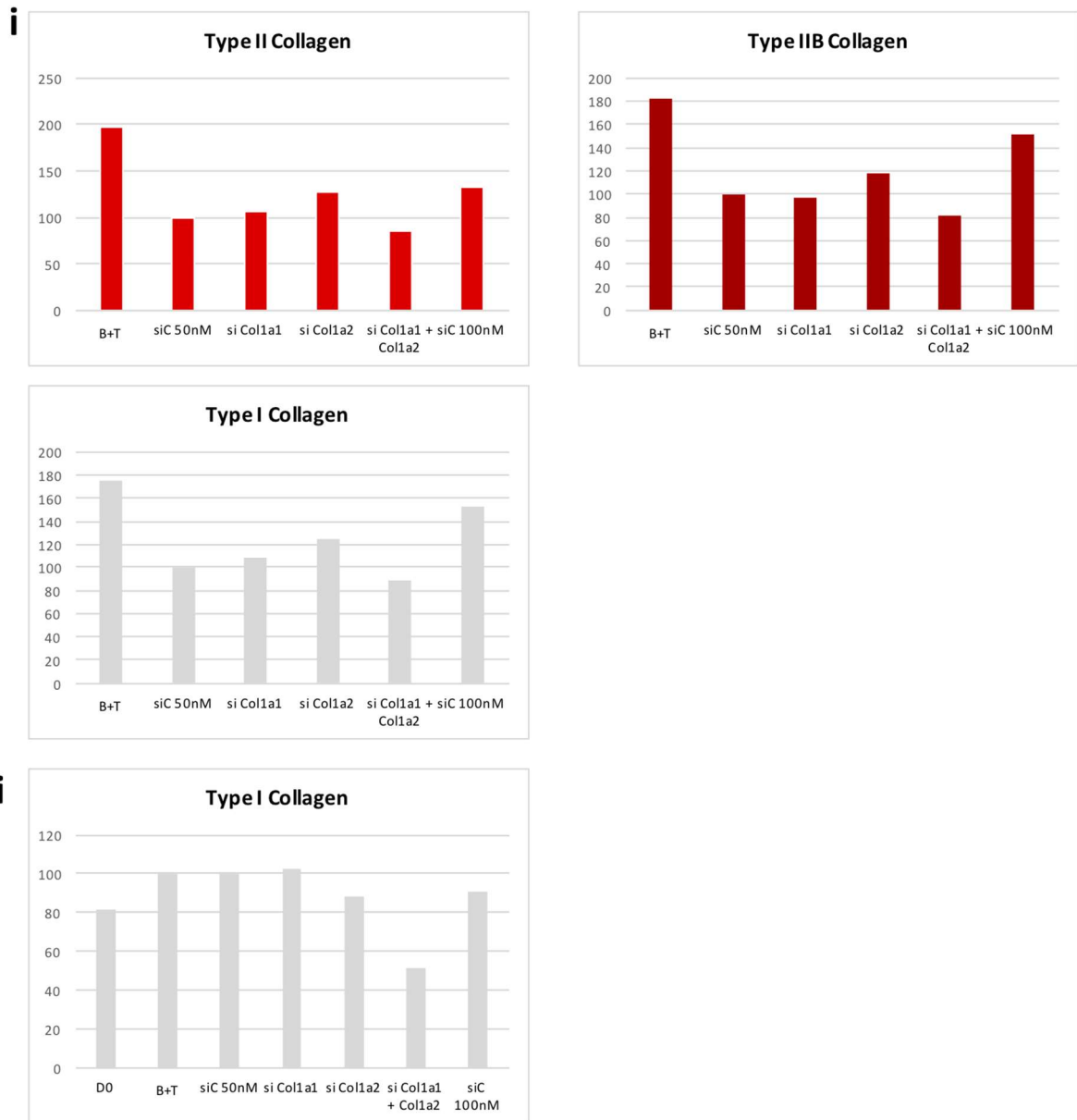
**B**



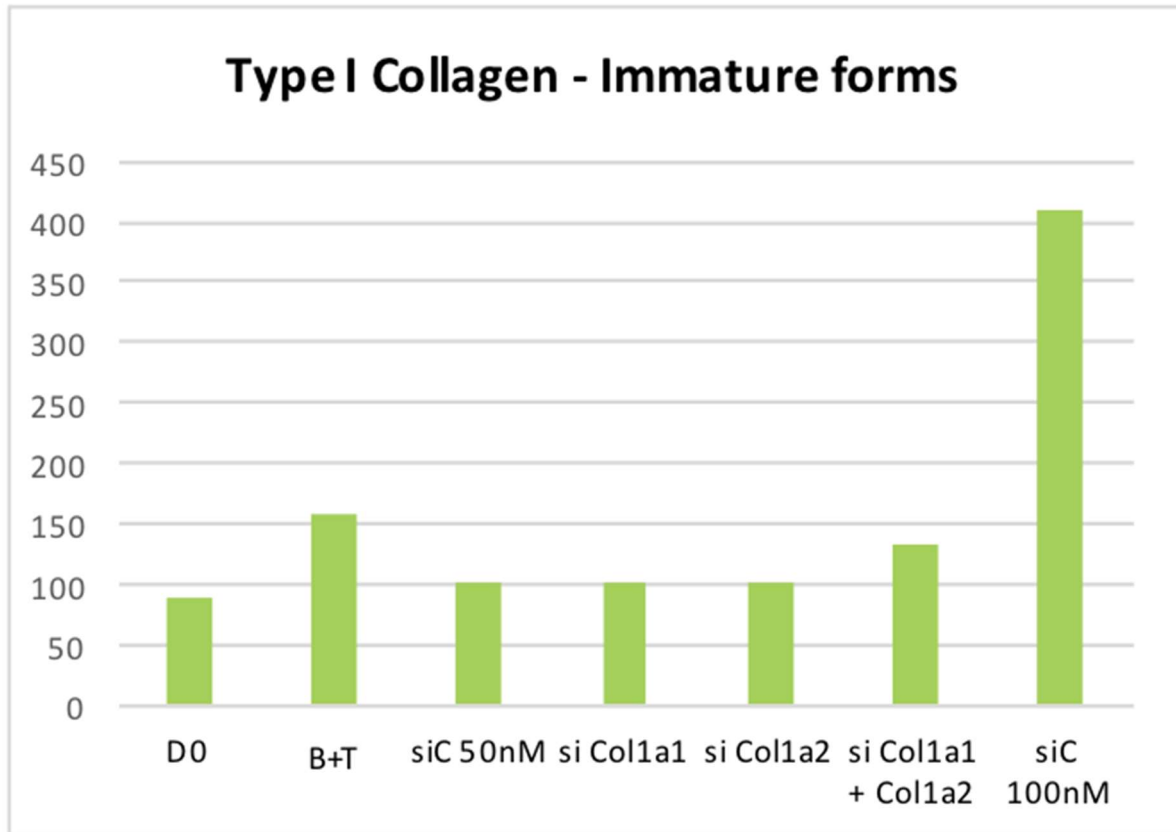
**Figure S1: Quantifications of type II, IIB and I collagens and of Htra1 associated with Figure 3A and B. These results are normalized with respect to the amount of  $\beta$ -tubulin.**



**Figure S2: Quantifications of the immature forms of type I collagen associated with Figure 14Aii.** The results are normalized with respect to the amount of  $\beta$ -tubulin.



**Figure S3: Quantifications of types II, IIB and I collagens associated with Figure 14B.** These results are normalized with respect to the amount of  $\beta$ -tubulin.



**Figure S4: Quantifications of type I collagen isoforms associated with Figure 14C.** These results are normalized with respect to the amount of  $\beta$ -tubulin.