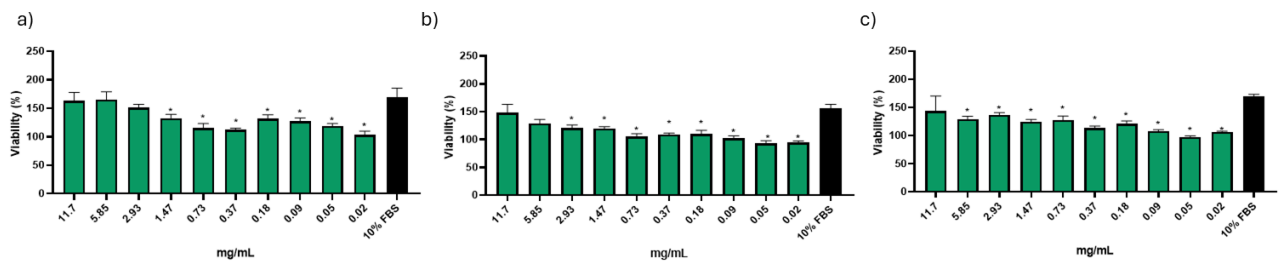
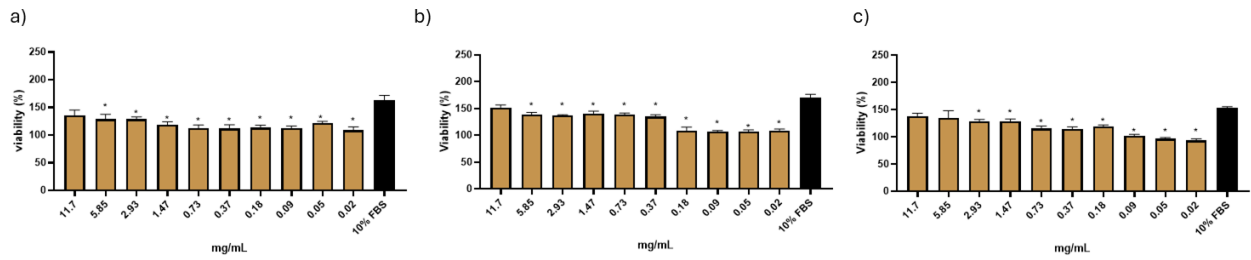


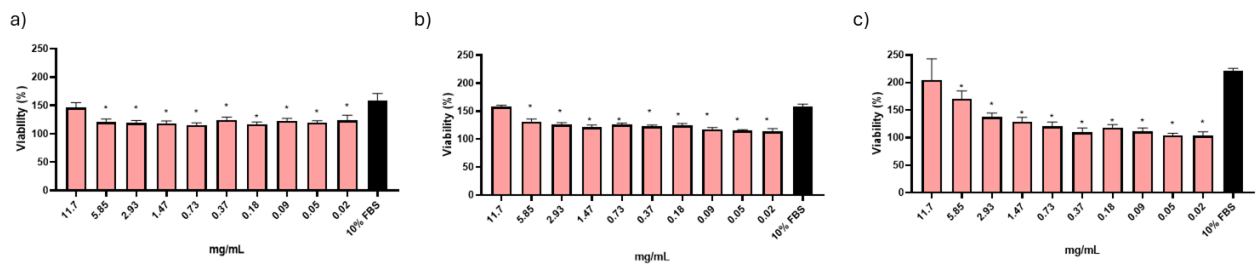
Supplementary Figure S1. Effects of HF (hemp flower) hydrolysate on the viability of C2C12 muscle cells, assessed by MTT assay at 24 h (a), 48 h (b), and 72 h (c). Values are expressed in %, normalized to the 0% FBS (Fetal bovine serum) control and compared with 10% FBS. (*) indicate statistically significant differences ($p \leq 0.05$) relative to 10% FBS.



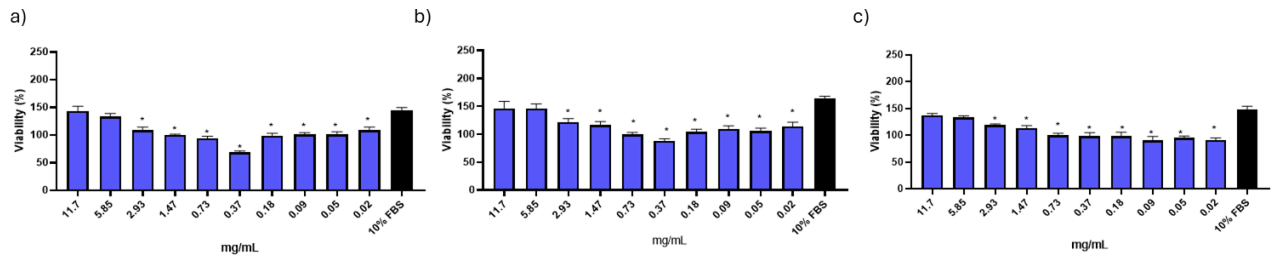
Supplementary Figure S2. Effects of HS (hempseed) hydrolysate on the viability of C2C12 muscle cells, assessed by MTT assay at 24 h (a), 48 h (b), and 72 h (c). Values are expressed in %, normalized to the 0% FBS (Fetal bovine serum) control and compared with 10% FBS. (*) indicate statistically significant differences ($p \leq 0.05$) relative to 10% FBS.



Supplementary Figure S3. Effects of HP (hempseed protein) hydrolysate on the viability of C2C12 muscle cells, assessed by MTT assay at 24 h (a), 48 h (b), and 72 h (c). Values are expressed in %, normalized to the 0% FBS (Fetal bovine serum) control and compared with 10% FBS. (*) indicate statistically significant differences ($p \leq 0.05$) relative to 10% FBS.



Supplementary Figure S4. Effects of SH (shrimp) hydrolysate on the viability of C2C12 muscle cells, assessed by MTT assay at 24 h (a), 48 h (b), and 72 h (c). Values are expressed in %, normalized to the 0% FBS (Fetal bovine serum) control and compared with 10% FBS. (*) indicate statistically significant differences ($p \leq 0.05$) relative to 10% FBS.



Supplementary Figure S5. Effects of BC (Blue Crab) hydrolysate on the viability of C2C12 muscle cells, assessed by MTT assay at 24 h (a), 48 h (b), and 72 h (c). Values are expressed in %, normalized to the 0% FBS (Fetal bovine serum) control and compared with 10% FBS. (*) indicate statistically significant differences ($p \leq 0.05$) relative to 10% FBS.