



Appendix 1. MTT results. BM-MSCs were incubated with sEVs concentrations of 20 µg/ml, 50 µg/ml, and 80 µg/ml for 24, 48, and 72 hours while the control group was left untreated. An increase in BM-MSC proliferation was observed at 20 µg/ml after 24, 48, and 72 hours and at 50 µg/ml after 24, 48, and 72 hours, with the highest proliferation rate occurring at 50 µg/ml during the 48-hour treatment period (p-value < 0.0001). In contrast, the 80 µg/ml concentration decreased metabolic activity at 24, 48, and 72 hours, indicating apoptosis in the test group compared to the control group. sEVs: small extracellular vesicles; BM-MSCs: Bone marrow mesenchymal stromal cells.