



Figure S1. Fibroblast Cell Cultures under LLLT Influence. The cellular morphology remained unchanged following laser irradiation, and the highest cell density was observed at an energy level of 3 J/cm². No significant differences were observed between the irradiated group and the control group at energy levels of 4 and 5 J/cm². Interestingly, at the highest energy level of 5 J/cm², the mean cell count actually decreased, suggesting a potential inhibitory effect on cell growth at this energy dosage. Conversely, irradiation doses of 2.5, 3, and 3.5 J/cm² resulted in a greater increase in cell count compared to the control group. Notably, the most significant increase in cell count was observed at the energy level of 3 J/cm².