|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **LD** | | | **DNA** | | |
| **24h** | **48h** | **72h** | **24h** | **48h** | **72h** |
| **Medium** | **100±0.75** | **100±0.58** | **100±0.09** | **100±1.26** | **100±1.4** | **100±1.96** |
| **Dead cells** | **0±0** | **0±0** | **0±0** | **0±8.17** | **0±20.07** | **0±7.66** |
| **HOLO-IC** | **99.64±0.93** | **99.69±0.68** | **99.99±0.11** | **100.36±1.59** | **101.87±2.12** | **103.79±1.22** |
| **HOLO-DC** | **93.39±2.10** | **94.57±1.96** | **97.17±1.51** | **99.44±1.59** | **102.62±1.52** | **103.55±1.48** |
| **Medium vs. Dead cells** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** |
| **Medium vs. HOLO-IC** | **0.9999** | **0.9999** | **0.9999** | **0.9999** | **0.4975** | **0.1212** |
| **Medium vs. HOLO-DC** | **0.0140\*** | **0.0594** | **0.2462** | **0.9999** | **0.2462** | **0.1212** |
| **Dead cells vs. HOLO-IC** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** |
| **Dead cells vs. HOLO-DC** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** | **<0.0001\*** |
| **HOLO-IC vs. HOLO-DC** | **0.0649** | **0.0594** | **0.4975** | **0.9999** | **0.9999** | **0.9999** |

**Supplementary Table 1. Analysis of cell viability of human oral mucosa fibroblasts cultured in the presence of holothurian ossicles (HOLO) and control conditions using the LIVE/DEAD technique (LD) and free DNA quantification method (DNA) after 24, 48 and 72 h of follow-up.** Medium: positive control of cells incubated in culture medium showing 100 % cell viability; Dead cells: negative control of cells treated with triton X-100 showing 0 % cell viability; HOLO-IC: cells cultured in indirect contact with HOLO using porous inserts; HOLO-DC: cells cultured in direct contact with HOLO. Values in the top rows correspond to average cell viability levels normalized to positive and negative controls. Values shown in the lower rows correspond to statistical p values for the comparison of results obtained in two specific groups. Statistically significant differences are highlighted with asterisks (\*).