|  |  |  |  |
| --- | --- | --- | --- |
|  | CON | H/R | SPostC |
| LDH level (U/L) | 159.04±14.83 | 271.50±17.76 | 214.33±11.75 |
| Cell death（%） | 7.72±0.78 | 48.04±2.68 | 25.26±2.58 |
| Cell viability（%） | 92.15±1.63 | 54.62±3.17 | 75.61±2.89 |

Data represent mean±SEM.

|  |  |  |  |
| --- | --- | --- | --- |
|  | CON | H/R | SPostC |
| Mean area/perimeter ratio | 3.60±0.14 | 2.69±0.11 | 3.45±0.14 |
| Inverse circularity | 9.07±0.26 | 7.09±0.18 | 8.20±0.32 |
| Normalized TMRM fluorescence | 1.00±0.02 | 0.58±0.01 | 0.79±0.02 |
| Normalized Calcein fluorescence | 1.00±0.09 | 0.12±0.01 | 0.38±0.03 |

Data represent mean±SEM.

|  |  |  |  |
| --- | --- | --- | --- |
|  | CON | H/R | SPostC |
| Normalized fluorescent intensity of MFN1 | 1.00±0.02 | 0.67±0.01 | 0.72±0.01 |
| Normalized fluorescent intensity of MFN2 | 1.00±0.03 | 0.54±0.01 | 0.83±0.02 |
| Normalized fluorescent intensity of OPA1 | 1.00±0.03 | 0.56±0.02 | 0.76±0.04 |
| Normalized fluorescent intensity of DRP1 | 1.00±0.02 | 1.11±0.02 | 0.97±0.02 |
| Normalized fluorescent intensity of FIS1 | 1.00±0.01 | 1.12±0.02 | 1.18±0.02 |
| MFN1 / β-tubulin (Fold change relative to control) | 1.00±0.07 | 0.63±0.08 | 0.62±0.03 |
| MFN2 / β-tubulin (Fold change relative to control) | 1.00±0.04 | 0.42±0.04 | 0.84±0.03 |
| OPA1 / β-tubulin (Fold change relative to control) | 1.00±0.04 | 0.48±0.04 | 0.91±0.06 |
| DRP-1 / β-tubulin (Fold change relative to control) | 1.00±0.04 | 2.00±0.10 | 1.32±0.09 |
| FIS1 / β-tubulin (Fold change relative to control) | 1.00±0.04 | 1.83±0.19 | 2.10±0.25 |

Data represent mean±SEM. The difference between groups was shown in Figures.