**Tables S8-S9. Statistical analysis of cell viability assays in cells upon BAT or Tau treatment for 24-72 hours.** Statistics show comparison of BAT and Tau treated groups with negative control (NC). Ns not significant, \*p<0.05, \*\* p<0.01, \*\*\*p<0.001, \*\*\*\*p<0.0001.

1. **WJ-MSCs**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bromamine T (BAT) | 0.5mM | 1mM | 1.75mM | 2.5mM | 3.25mM | 5mM | 10mM | CIS 0.166mM |
| 24 hours | ns | ns | ns | ns | \*\* | \*\* | \*\* | \*\* |
| 48 hours | ns | ns | \*\*\*\* | \*\* | \*\*\* | \*\*\*\* | \*\*\*\* | \*\*\*\* |
| 72 hours | ns | ns | \* | \*\*\*\* | \*\*\*\* | \*\*\*\* | \*\*\*\* | \*\*\*\* |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Taurine (Tau) | 5 mM | 10 mM | 25 mM | 50 mM | 100 mM | 200 mM | CIS 0.166 mM |
| 24 hours | \*\*\*\* | \*\*\*\* | \*\*\*\* | \* | \* | ns | \*\*\*\* |
| 48 hours | ns | ns | \*\*\*\* | \*\*\*\* | \* | ns | \*\*\*\* |
| 72 hours | ns | ns | ns | ns | \*\*\*\* | \* | \*\*\* |

**9. HepG2 cells**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bromamine T (BAT) | 0.5mM | 1mM | 1.75mM | 2.5mM | 3.25mM | 5mM | 10mM | CIS 0.166mM |
| 24 hours | \*\* | ns | ns | ns | \*\* | \* | \*\*\* | \*\*\* |
| 48 hours | ns | \*\* | \*\* | \* | \*\*\* | \*\*\* | \*\*\*\* | \*\*\*\* |
| 72 hours | \* | \* | \* | \*\* | ns | \*\* | \*\*\*\* | \*\*\*\* |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Taurine (Tau) | 5mM | 10mM | 25mM | 50mM | 100mM | 200mM | CIS 0.166mM |
| 24 hours | ns | ns | ns | ns | ns | \* | \*\*\* |
| 48 hours | \*\* | ns | \* | \* | ns | \*\* | \*\*\*\* |
| 72 hours | ns | \* | \* | \*\*\*\* | \*\*\*\* | \*\*\* | \*\*\*\* |