International Journal of Molecular Sciences

MDPI

## Supplementary Materials

**Supplementary Table S1.** Pearson correlation coefficient between the biocomponent of spheroid cells and mode of cell death and spheroid volume.

| | Annexin V | Propidium Iodide | Lipid | Amide I | Amide II | DNA | RNA | Volume |
|---|---|---|---|---|---|---|---|---|
| **Annexin V** | 1.000 | 0.544 | 0.533 | -0.542 | -0.595* | 0.542 | 0.224 | 0.774** |
| | | p=0.067 | p=0.074 | p=0.069 | p=0.041 | p=0.068 | p=0.484 | p=0.003 |
| **Propidium iodide** | 0.544 | 1.000 | 0.987** | -0.997** | -0.992** | 0.928** | 0.912** | 0.780** |
| | p=0.067 | | p<0.001 | p<0.001 | p<0.001 | p<0.001 | p<0.001 | p=0.003 |
| **Lipid** | 0.533 | 0.987** | 1.000 | -0.978** | -0.980** | 0.895** | 0.877** | 0.697** |
| | p=0.074 | p<0.001 | | p<0.001 | p<0.001 | p<0.001 | p<0.001 | p<0.012 |
| **Amide I** | -0.542 | -0.997** | -0.978** | 1.000 | 0.990** | -0.914** | -0.903** | -0.800** |
| | p=0.069 | p<0.001 | p<0.001 | | p<0.001 | p<0.001 | p<0.001 | p=0.002 |
| **Amide II** | -0.595** | -0.992* | -0.980** | 0.990** | 1.000 | -0.933** | -0.875** | -0.798** |
| | p=0.041 | p<0.001 | p<0.001 | p<0.001 | | p<0.001 | p<0.001 | p=0.002 |
| **DNA** | 0.542 | 0.928** | 0.895** | -0.914** | -0.993** | 1.000 | 0.869** | 0.763** |
| | p=0.068 | p<0.001 | p<0.001 | p<0.001 | p<0.001 | | p<0.001 | p=0.004 |
| **RNA** | 0.224 | 0.912** | 0.877** | -0.903** | -0.875** | 0.869** | 1.00 | 0.619** |
| | p=0.484 | p<0.001 | p<0.001 | p<0.001 | p<0.001 | p<0.001 | | p=0.032 |
| **Volume** | 0.774** | 0.780** | 0.697** | -0.800** | -0.798** | 0.763** | 0.619** | 1.000 |
| | p=0.003 | p=0.003 | p<0.012 | p=0.002 | p=0.002 | p=0.004 | p=0.032 | |

Pearson correlation (r) near to +1 or −1 indicates a strong relationship, and near 0 indicates a weak or no relationship. *, ** Correlation is significant at $p < 0.05$ and $p < 0.01$, respectively.