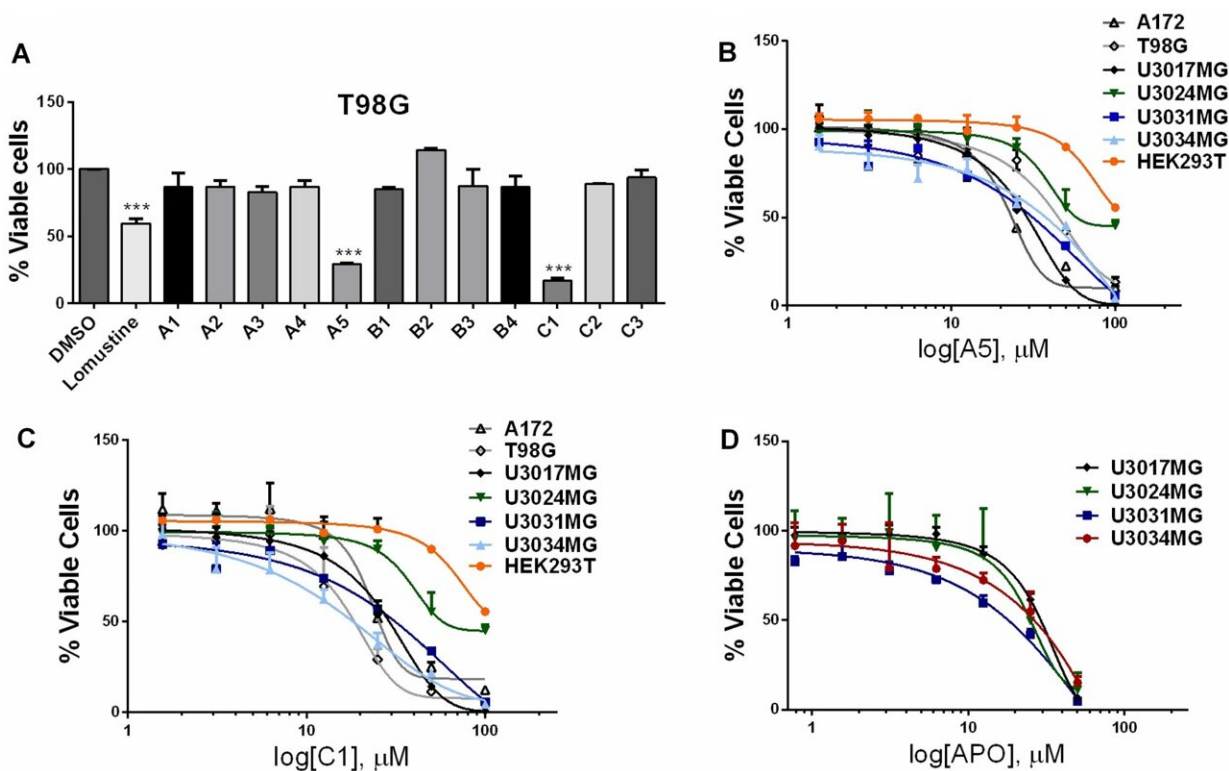


# Researchers identify two compounds capable of inhibiting growth of brain tumor cells

March 6 2023, by Ricardo Muniz



Assessment of cell viability in GBM cells. (A) Viability level of T98G cells after treatment for 48 h with 100  $\mu\text{M}$  of selected substances tested in this study, as well as 12.5  $\mu\text{M}$  of lomustine, used as a positive control for GBM cytotoxicity. Data were normalized against DMSO. IC<sub>50</sub> values were determined after treatment for 48 h with increasing concentrations of A5 (B), C1 (C) or APO (D). Cell viability was determined using the PrestoBlue reagent. These assays were conducted in triplicate (with at least two biological replicates); error bars represent mean  $\pm$  SD. Asterisks denote significance as determined by one-way ANOVA multiple comparisons followed by Dunnet test (post-test); \*\*\**p*

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