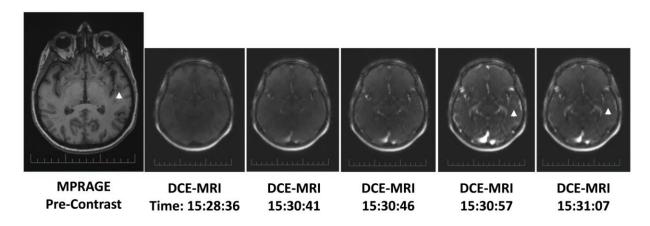
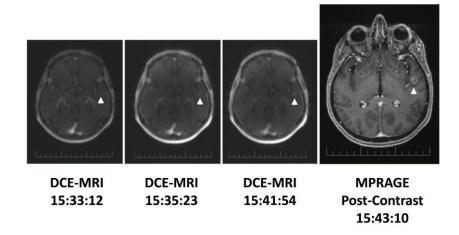
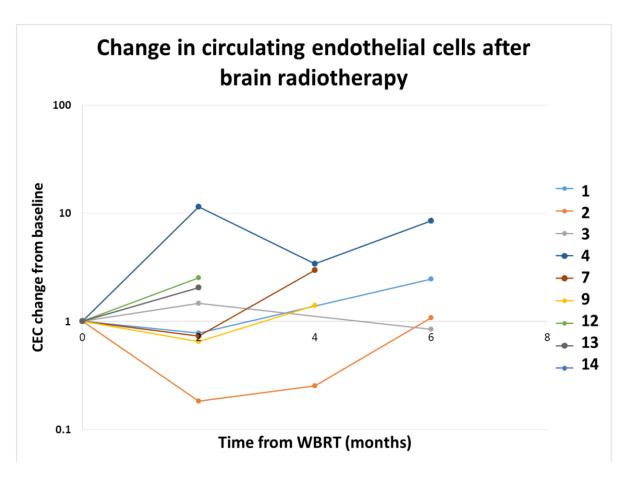
A pilot study using dynamic contrast enhanced-MRI as a response biomarker of the radioprotective effect of memantine in patients receiving whole brain radiotherapy

Supplementary Material





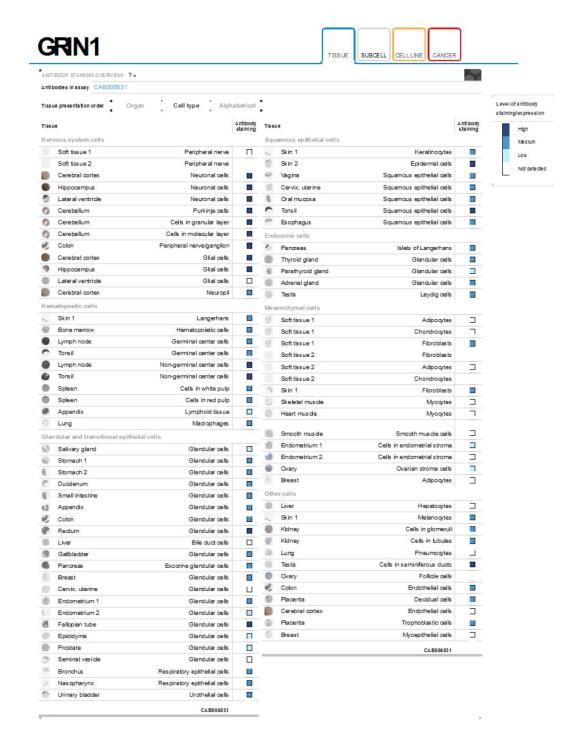
Supplementary Figure 1: Example of dynamic contrast enhanced-MRI images.



Supplementary Figure 2: Change in circulating endothelial cells (CEC) following whole brain radiotherapy (WBRT). Data was normalized to the baseline level of CEC prior to WBRT.



Supplementary Figure 3: Gene expressions of 3 of the NMDA receptor subunits (GRIN1, GRIN2A and GRIN2B) in different human tissues. Data derived from BioGPS Human U133 microarrayGeneAtlas data.



Supplementary Figure 4: NMDA receptor subunit 1 protein expression in different human tissues and cells. Data derived from The Human Protein Atlas.