

William Gray

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**Research Activity:**

My major research interests are in fields of adult neural stem cell biology and brain injury. I am specifically interested in how neural activity controls the generation of new neurons in the adult hippocampus (adult neurogenesis). From a clinical perspective, I am interested in how epilepsy induced brain injury perturbs hippocampal neurogenesis and the role this perturbation plays in cognitive dysfunction and altered mood control in chronic temporal lobe epilepsy.

Weblink:

<http://www.som.soton.ac.uk/research/neuro/GROUPS/brain-neurodegeneration/epilepsy/default.htm>