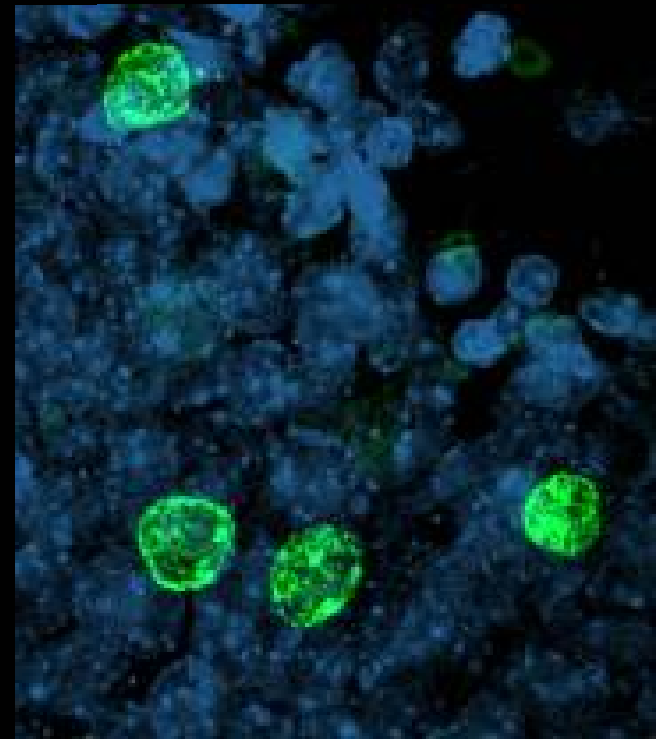
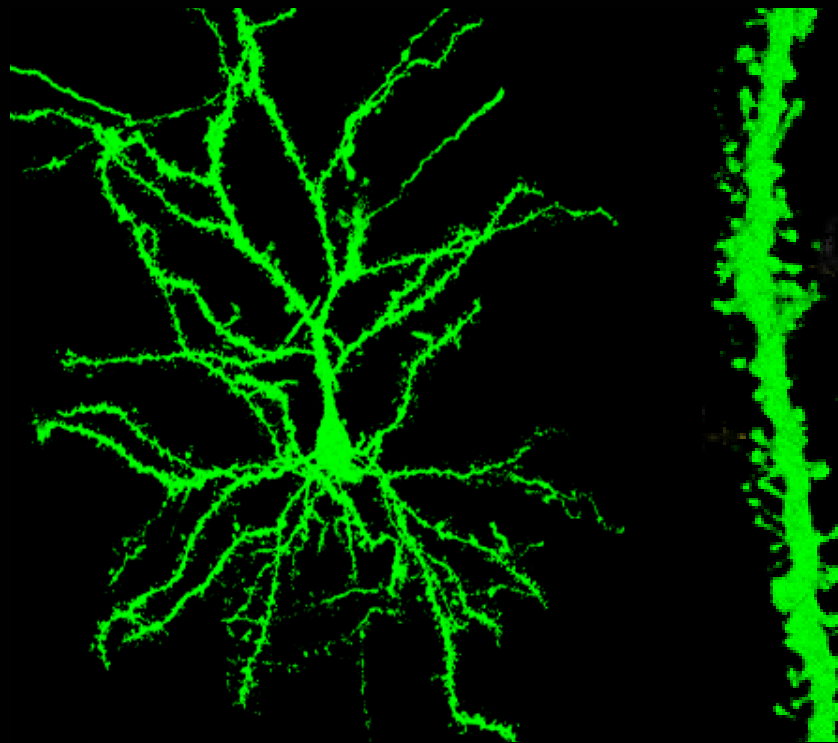


Structural plasticity in the adult brain is modulated by experience



Factors which influence adult neurogenesis in the hippocampus

Positive

Enriched environment

Learning

Running-social

Sexual experience

Negative

Aging

Deprivation

Running –isolation

Aversive stress

Rewarding experiences enhance adult neurogenesis despite elevated stress hormones

