

Neuron diversity might shape personality and ability

Genomic analyses of single human neurons—either from postmortem brains or those derived in culture—reveal a considerable degree of DNA copy number variation, according to a paper published October 31 in *Science*. It is likely that these genetic differences affect brain cell function, and they may even shape our personalities, academic abilities, and susceptibilities to neurological diseases.

“It’s an exciting paper. It’s a closer look at the single cell genomes of neurons . . . and it identifies another layer of genomic mosaic changes that are occurring amongst neurons,” said Jerold Chun, a professor of molecular and cellular neuroscience at The Scripps Research Institute in La Jolla, California, who was not involved in the work.

Read the full, original story here: [Genetic Diversity in the Brain](#)