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**Movement and Intelligence: establishing a continuum**

Parkinson’s Disease (PD) is a debilitating condition affecting the brain. The predominant features of PD are slowness of movement, rigidity and tremor. However, novel studies reveal a reduction of intellectual function in some patients as well, although the mechanism for this remains unclear. For my project, I aimed to investigate this further from a DNA perspective.

DNA is the framework from which the body produces proteins. These proteins are essential for the body to function normally. A fault in the DNA subsequently leads to abnormal protein production and a disruption in normal bodily function. I hypothesised acquisition of faults in the DNA of PD patients leads to a gradual decline of intellectual function. I proceeded to identify specific faults, which may be associated with the intellectual decline.

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