# UCL Queen Square Institute of Neurology

Our mission is to translate Neuroscience Discovery research into treatments for patients with Neurological Diseases.

AthenaSWAN Silver Award. Renewed 2020.

REF 2014: UCL number one for research strength

4 million people disabled by a neurological disease in the UK

## Common and rare neurological diseases in the UK:

Diseases include:

* Dementia;
* Stroke;
* Epilepsy;
* Multiple Sclerosis;
* Motor Neuron Disease;
* Parkinson’s Disease;
* Migraine;
* Brain Tumours;
* Neuromuscular Diseases.

## Education: Training the Next Generation

* Number of PhD Students 279;
* Number of MSc/Diploma Students 254.

## Our Dedicated Research Centres/Units

* Huntington’s Disease Centre;
* Reta Lila Weston Institute;
* International Centre for genomic Medicine in Neuromuscular Diseases;
* Dementia Research Centre;
* Max Planck UCL Centre for Computational Psychiatry and Ageing Research;
* Stroke Research Centre;
* Multiple Sclerosis Centre;
* Wellcome Centre for Human Neuroimaging;
* Queen Square Motor Neuron Disease Centre;
* Functional Neurosurgery Unit;
* Alzheimer’s Research UK UCL Drug Discovery Institute ;
* Movement Disorders Centre;
* Ataxia Centre;
* UK Dementia Research Institute at UCL.

## Leonard Wolfson Experimental Neurology Centre

Cumulative number of studies adopted by the LWENC CRF

August 2019: 86 Neurodegeneration/neuroinflammation; 30 other therapeutic areas.

September 2020: 103 Neurodegeneration/neuroinflammation; 35 other therapeutic areas.

## Our Impact: Patient cohorts for research and experimental clinical trials

* >870 Patients in experimental trials;
* >20,000 Patients in research cohorts.

## Our Platforms for Research

* Imaging;
* Biobank cells and DNA;
* Big data platform;
* High throughput technology;
* Computational Neuroscience;
* Molecular biology;
* Disease Modelling;
* Genetics;
* Drug Discovery Institute;

## Our Research Teams

* 130 Principal Investigators;
* 8 Research Departments;
* 777 Total staff;
* 6 Clinical Divisions;
* 113 Professors;
* 11 FRS;
* 29 FMedSci;
* 1 Nobel Laureate.

## Our Partners

* UCLH Biomedical Research Centre;
* Brain Research UK;
* National Brain Appeal;
* Patient Organisations;
* UCL Partners;
* UCL Faculty of Brain Sciences;
* UCL School of Life and Medical Sciences;
* National Hospital, UCLH NHS Foundation Trust;
* Philanthropy;
* Industry;
* UCL OVPA;
* Gatsby Computational Neuroscience Unit;
* Sainsbury Wellcome Centre;
* UCL Institute of Prion Diseases;
* Brain and Spine Institute (ICM, Paris);
* Institute of Cognitive Neuroscience;
* Francis Crick Institute;
* SameYou charity.

## Our Annual Turnover/Income

* Annual Turnover (19-20) : £85 million.

## Research Projects

* Current Active Research Projects Total : £304 million.

## Our Impact: Research Publications

* Peer reviewed publications (2019): 1613;
* Top tier e.g. Nature, Science, JAMA, Lancet (2019) : 71

All data relates to 19-20