

UCL QS IoN Executive Team Away Day 18-19







Science

Patients

Discovery science and bi-directional translational research

8 Departments, 1200 staff and students, £268m active grants





MRC Wellcome, NIHR, BHF >£30m

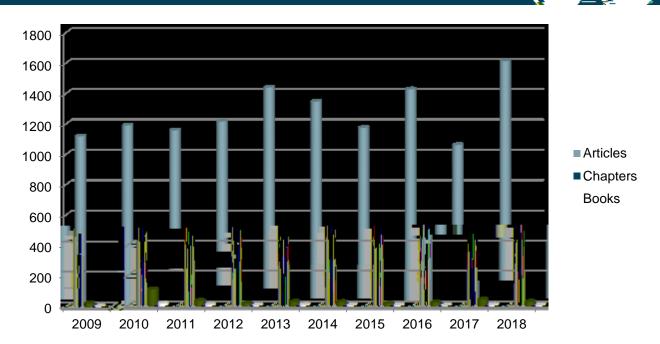
Medical Research Council	Pitceathly	£1.1m
	Hanna, Reilly, Houlden	£3.66m
	Lambert	£1.2m
	Tabrizi, Bates	£1.5m
	Busche	£1.6m
	Hong	£1.8m
	Fratta	£1.9m
	Sleigh	£1.2m

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Impact: published output / eitations

Outputs in 2018:

- 1613 papers
 (1 every 5h!)
- 22 book chapters
- 1 book



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ISI world ranking for highly cited authors in Neuroscience and Behaviour: 5 in the top 100 / 4 in the top 50

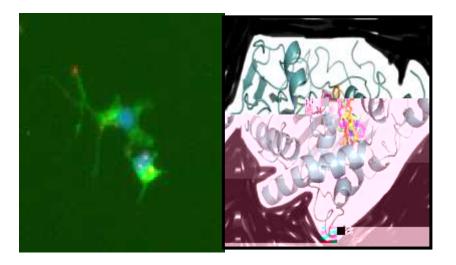
68 publications in the top 50 highest impact journals:

BMJ (5), Cell (6), JAMA (2), Lancet (5), Lancet Neurology (31), Nature (4), Nature Biotechnology (1), Nature Genetics (6), Nature Medicine (2), Nature Methods (1), Nature Reviews Disease Primers (1), Nature Reviews Neuroscience (1), Science (3).



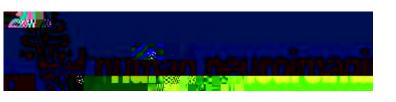


Successful Quinquennial Review £15M funding for 2020-25

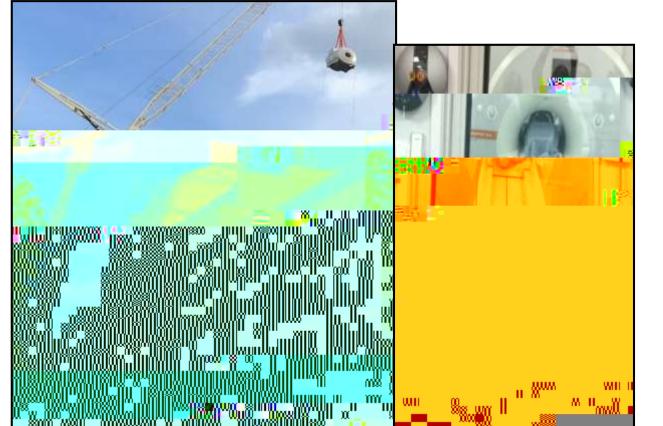








May 31st



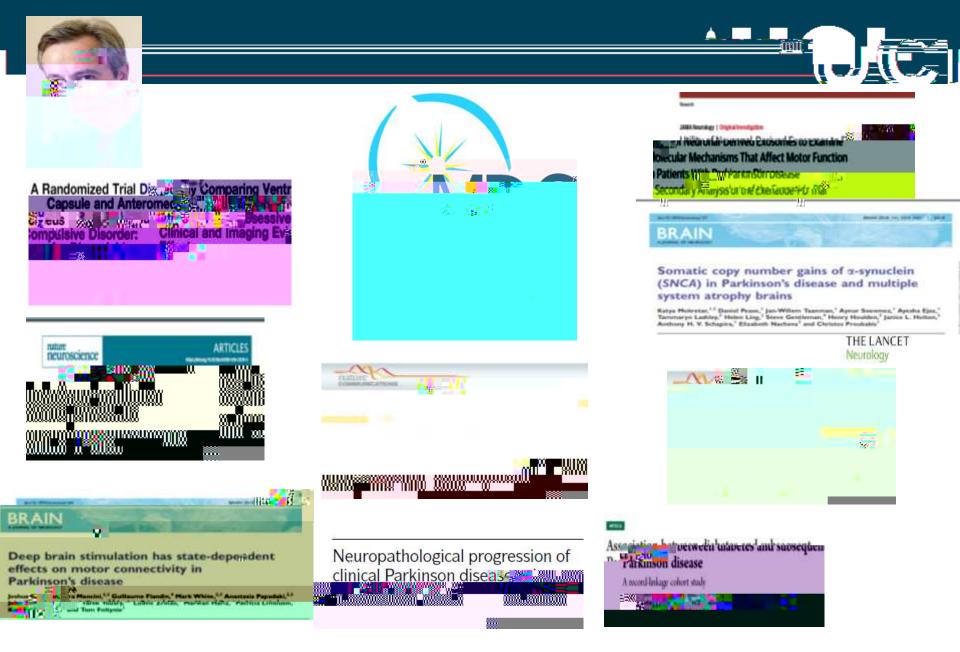




50th Anniversary of Reta Lila Weston Institute symposium, Attended by trustees and UCL Provost – an artwork from QSBB was presented by Provost



Department of Clinical and Movement Neuroscience



Department of Neuromuscular Diseases

nature genetics

Article Published: 29 March 2019





Cell

2611

Grace Abstract

Young LINEs contain

highly multivalent binding siles for

MATRS PTEP1

LMES Measure W

Bialiefic expansion of an intronic repeat High-dimensional geonietry of in &FC1 is a common cause of late aki kia Andrea Cortesal, Rota mone? Roisin Sullivan! 11 Jan 571, 361-366 (2019) Heteromeric RNP Assembly at LINEs Control Lineage-Specific RNA Processing Authors Jan Attig, Federijsp Agostini, Clare Gooding Christopher W.J. Smith, \mathbf{W} splice-represente RNA-binding proteins (R8Ps) Nicholas 😂 Den den C UILLOSSAULE "TESTER I SUUSSE SOULI



INAUGURAL SYMPOSIUM SEPT 2019

(>30 waiting list)

- Representatives from Charities, MRC; Journal Editors; MHRA; NHS; 16
 Industry Reps
- Across UK: London, Cambridge, Sheffield, Reading, Oxford, Midlands
- International: USA, Italy, Denmark Netherlands

Lizzy Fisher Debbie Hadley











Academy of Medical Sciences

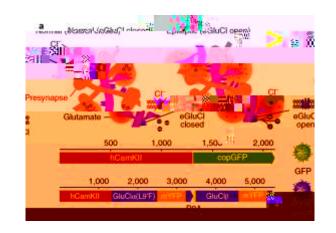


Expressing worm receptors to cure epilepsy

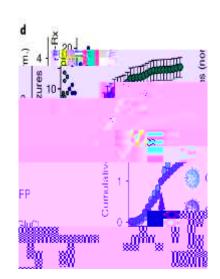


Mechanisms underlying epilepsy

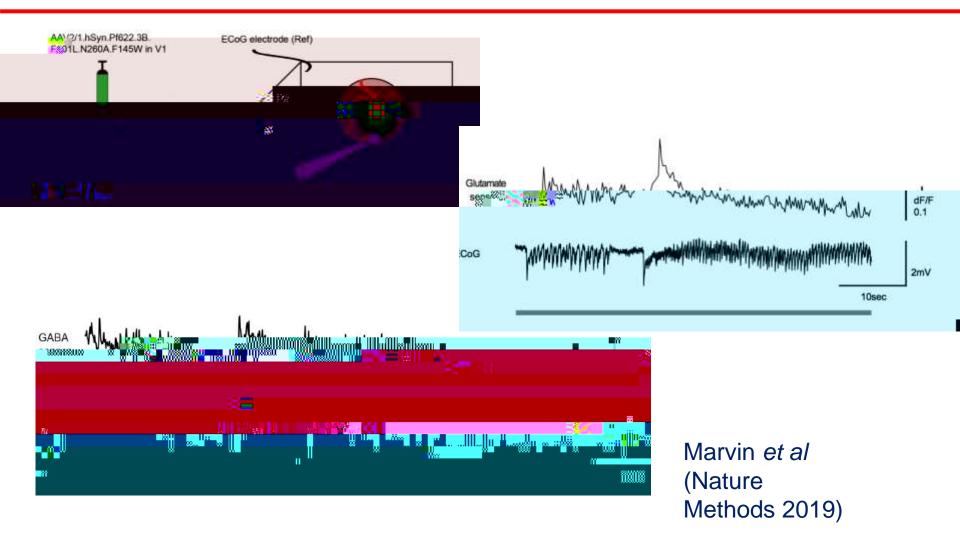
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Gene therapy for refractory epilepsy



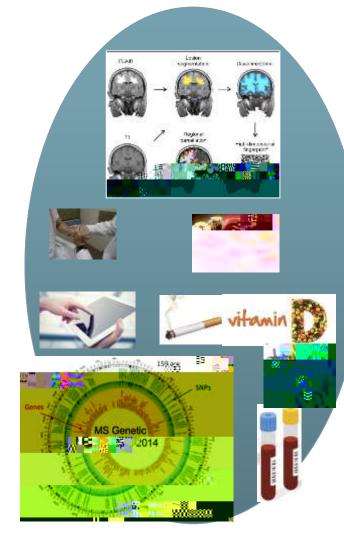
First measurements of extracellular glutamate and GABA during seizures



Department of Neuroinflammation

Individual treatment responses: towards personalised medicine in multiple sclerosis

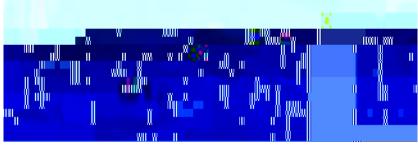
Information that defines an individual disease



pint triples station transmuche Superosis by gins

he biggest even trial and a secondary progressive multiple sclerosis (SPMS) in the UK has begun under UCL research leadership.

Olga Ciccarelli NIHR Professorship



Dept Brain Repair and Rehabilitation



Lancet Neurol 2019



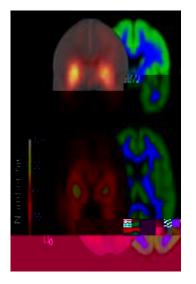
Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies

Lancet Name 10000

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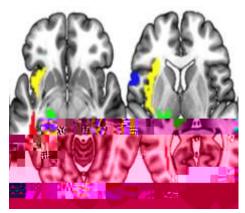
Brain Repair and Rehabilitation



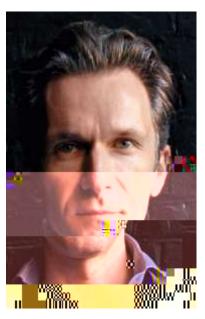




Alex Leff and Jenny Crinion awarded £600,000 (National Brain Appeal) to set up a high-dose aphasia service Commenced 2019



Parashkev Nachev: £4.5 million Wellcome Innovations Grant: Programme for High-Dimensional Translation in Neurology (Stroke) Commenced 2019







Prof Leff talked about language after stroke on BBC Radio 4

Department of Neurogenerative Diseases





In vivo characterization of white Tatter pathology in premanifest huntington's disease



UCL research into genetic therapies for

Dementia Research Centre

Lancet Neurol 2019

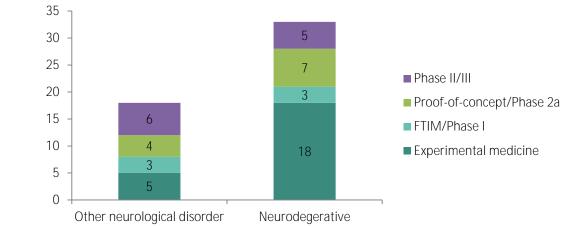


Harnessing Seven Decades Of Prospective Data Collection To Understand The Causes Of Dementia A Deep Phenotyping Study Of The British 1946 Birth Cohort

Schott, Fox, Zetterberg, Crutch, Hardy, Richards, Chaturvedi \$10,559,333

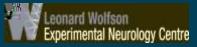












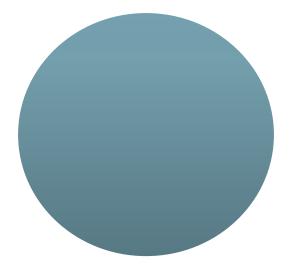


... September 2019

- 30-40

 active
 research
 studies
 active at
 any one
 time
- 10-20
 research
 studies in
 set up at
 any one
 time





Numerous honours and awards







Retirements





Professor Simon Shorvon Department CE Epilepsy



Professor Martin Brown Department of Brain Repair & Rehabilitation



Shihan JayasuriyaInstitute ExecutiveOfficer, IoN30 years at UCL!



Professor Gerald Stern

October 9 1930 to September 9 2019

Charity / Philanthropy Partners



UCL OVPD



Brain Research UK



National Brain Appeal



Hospital / Trust















Faculty of Brain Sciences and School



NIHR Biomedical Research Centre





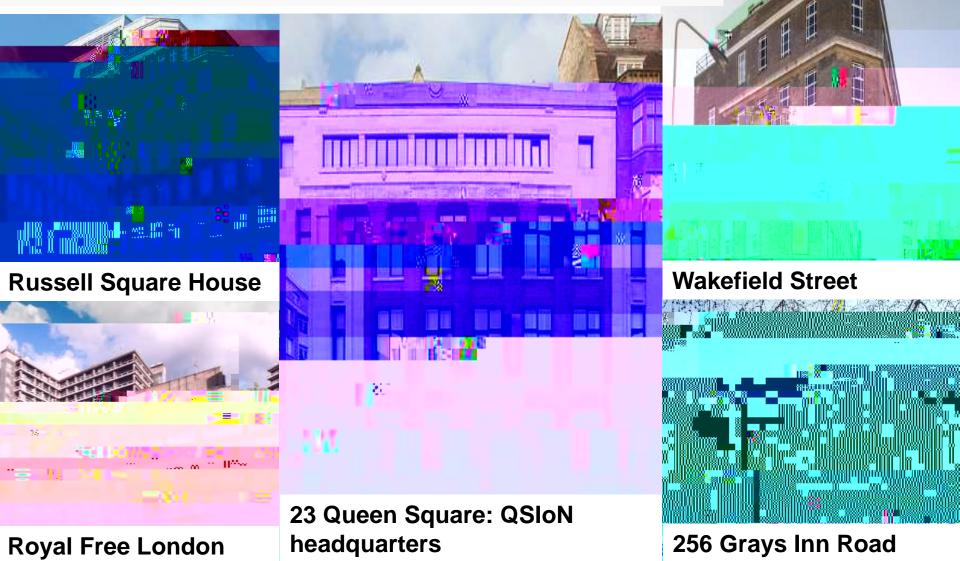




UCL Neuroscience Domain



A single cohesive translational research community across different locations





New Translational Neuroscience Building EDH 2023

Major investment in the future of IoN

~£281M

Philanthropy | £~50M

Dementia Retail Partnership | £20M

MRC Dementia hub (awarded) | £40M

HEFCE RPIF | £28.8M

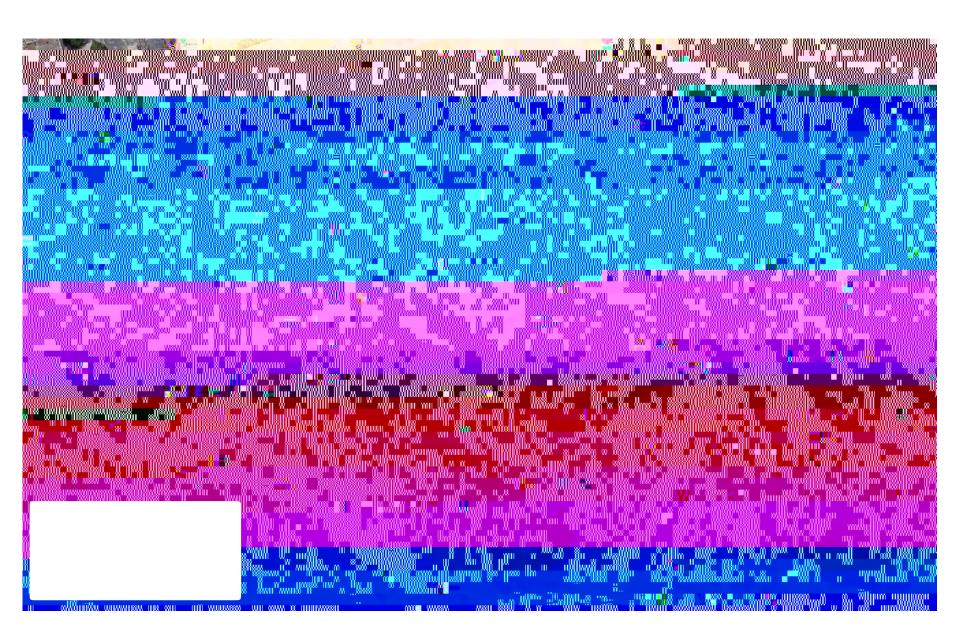
UCL Capital Investment | £120M

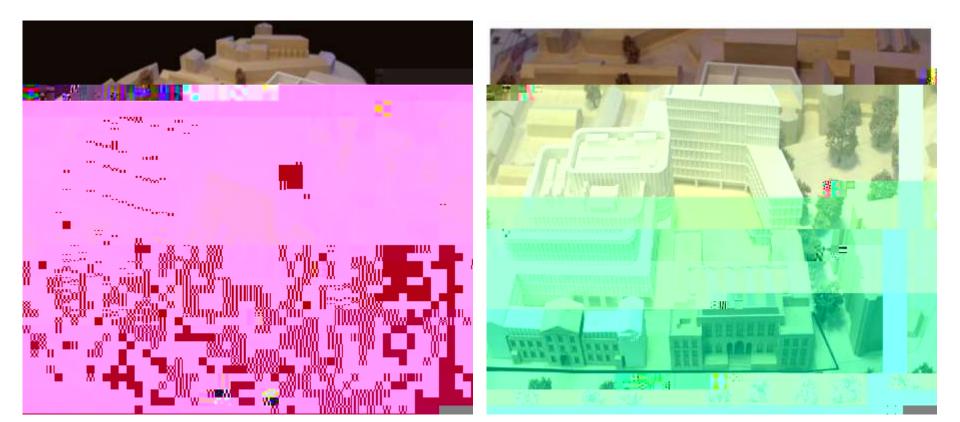
GAP | £23.8M

Full business case approved by UCL Council March 2019

Camden planning approval granted Sept 2019







Thanks to Michael Schuitevorder Building Project Programme Director

Roger Tuke UCL Estates

UCL





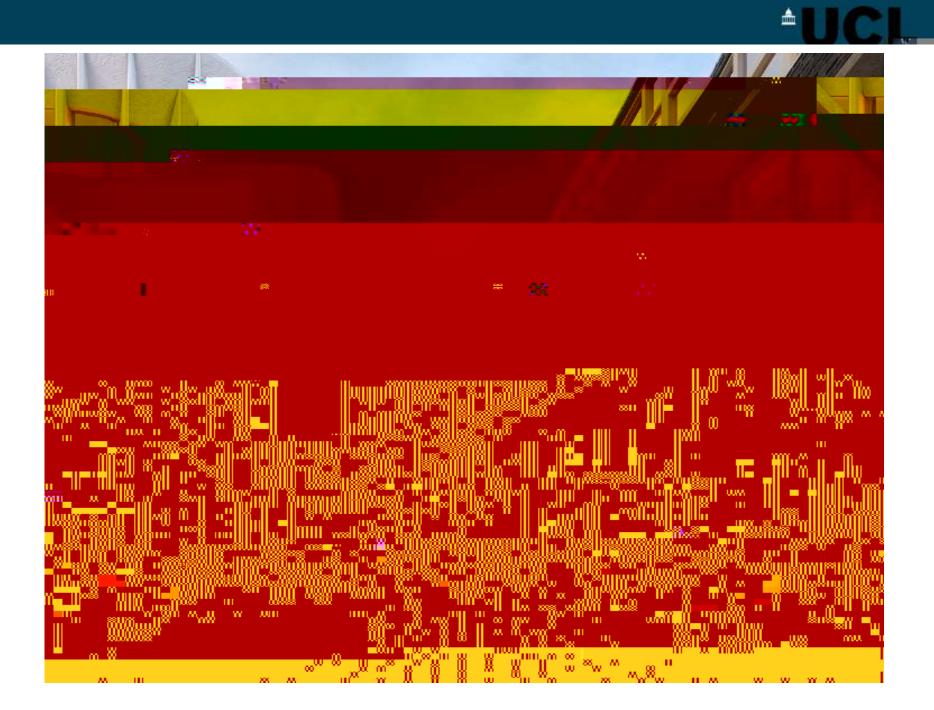








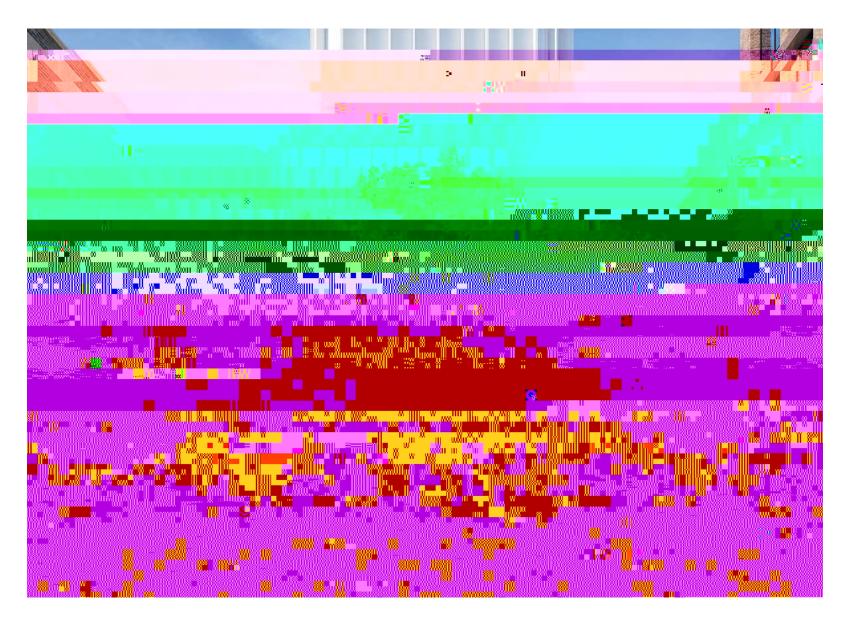




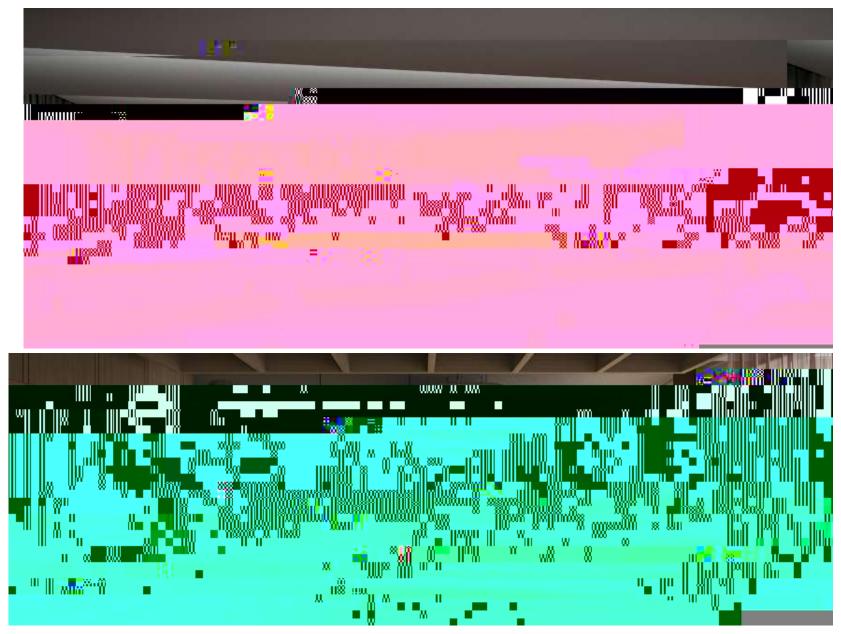






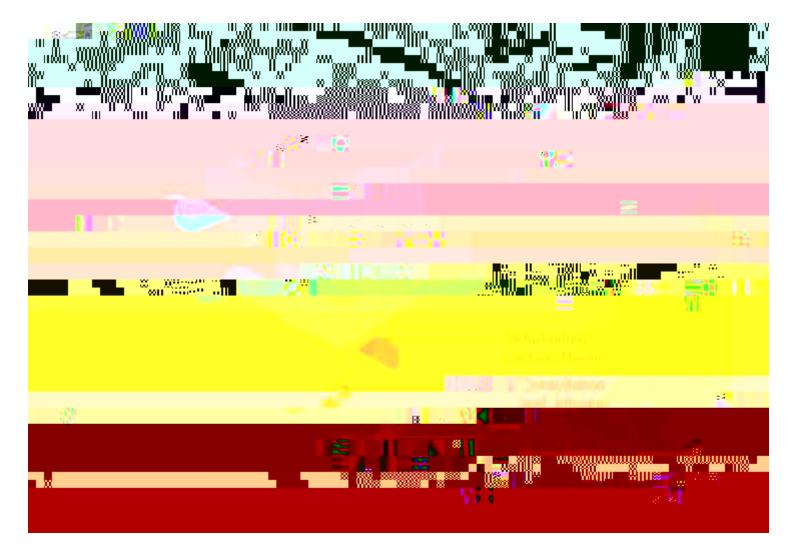






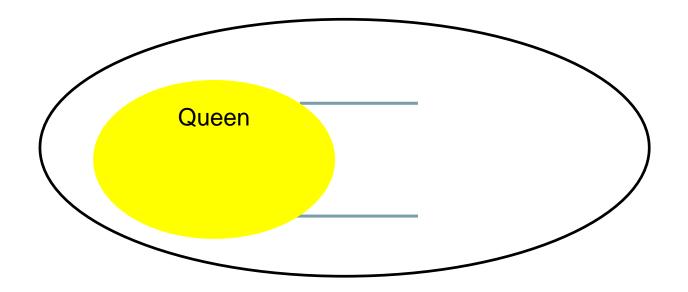


Queen Square House





Linking Translational Neuroscience Community





Teaching awards 2018/19

Djamshidian-Chinthapalli award for outstanding contribution to clinical teaching

• Dr Etienne Laverse

Clinical Tutor of the year

- Dr Sam Shribman
- Dr Tony Pullen Lecturer of the Year Award
- Prof Nick Fox

CPD Education

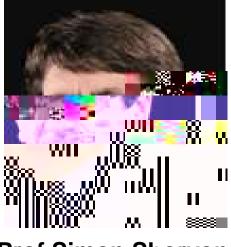


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MASTER CLASS (2 days) NEUROLOGY 2015, 2016, 2017,2018, 2019

250-300 delegates trainees and consultants







Dr Tabish Saifee







Student Prizes 2019







MSc Clinical Neurology



Dr Sabhat Iqbal







Queen Square Essay Prize 2019



Dr Karen Sutterlin

MRC Clinical Training fellow





Annual Address



Dr C. Frank Bennett, PhD, Senior Vice President, Research & Neurology Franchise Leader, IONIS Pharmaceuticals Inc.











Annual Address



Dr C. Frank Bennett, PhD, Senior Vice President, Research & Neurology Franchise Leader, IONIS Pharmaceuticals Inc.