

# UCL Queen Square Symposium

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10<sup>th</sup> of September 2020

9:30 – 17:15

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The UCL Queen Square Symposium is an event held annually consisting of talks by guest speakers and a PhD/Masters student poster presentation competition. It is a student-organised event which allows students to showcase their research to fellow students, post-docs and PIs from multiple domains within neuroscience. We also aim to provide an atmosphere for students to network and practice for larger scientific events.

Due to the ongoing situation surrounding COVID-19, the symposium will go ahead as an online event.

## **Keynote Speakers**

**Prof. Karl Friston**, UCL Wellcome Trust Centre for Neuroimaging - *Belief updating and psychosis*

**Prof. John Hardy**, UCL Dementia Research Institute & Dept. of Neurodegenerative Disease - *Genetic analysis of neurodegeneration reveals mechanistic relationships between them*

**Prof. Giampietro Schiavo**, UCL Institute of Neurology, Dept. of Neuromuscular Diseases - *The role of axonal transport dysfunction in neurodegenerative diseases*

**Prof. Sarah Tabrizi**, UCL Huntington's Disease Centre & Dept. of Neurodegenerative Disease - *Huntington's disease - trials and tribulations: a section on advice for scientists in training*

The full programme can be found in

<https://drive.google.com/file/d/13TDOXSbO7AYiNQwLM2quTc1g7kxbEXam/view?usp=sharing> and attached to the email.

**Registration link for the event is available at:**

<https://t.co/uNCrp01107?amp=1>

### **Attendees**

This meeting is open to all researchers (PhD students, postdocs, research associates and Principal Investigators) and undergraduate and postgraduate students studying at UCL or any other of its affiliated partner organisations. Further, we welcome anyone interested in the field of Neuroscience availability permitting.

**To confirm the authenticity of your registration, please use your UCL email address when registering (i.e. do not use Gmail, yahoo mail where possible).** If you are affiliated with the Francis Crick Institute please use your primary organisation's address.

The symposium will be delivered using Zoom. Registrants will receive a link to the Zoom meeting shortly before the event. **The link must not be shared with any third-parties.**

### **Privacy**

We are collecting your name, email address and job information to administer your event attendance. Your data will be used by the conference planning team solely for the purpose of managing the UCL Queen Square Symposium.

If you wish to attend one of our events but do not wish to register via Eventbrite, please contact [qscommittee@gmail.com](mailto:qscommittee@gmail.com).

## Contact

If you have any further questions about the event please contact [qscommittee@gmail.com](mailto:qscommittee@gmail.com)

**Prof. John Hardy**

Prof. Hardy's work is centred around the genetic analysis of neurological disease. In particular, his team focuses on neurodegeneration seen in motor neuron disease, Alzheimer's, Parkinson's and other dementias. By uncovering genetic causal links, his research is aiding the development of more appropriate cellular and animal disease models, as well as contributing to more personalised patient care.

**Prof. Sarah Tabrizi**

Prof. Tabrizi conducts research in neurodegeneration, spanning from basic cellular mechanisms of protein misfolding to its clinical applications. Since her postgraduate studies, her studies have revolved around Huntington's disease and diseases-modifying therapies to tackle it. Among her most recent achievements are TRACK-HD and TrackOn HD, trials that have further unveiled preclinical pathophysiology in HD.

**Prof. Giampietro Schiavo**

Prof. Schiavo's main focus of research is the compartmentalisation potential of neurons and the mechanisms behind this crucial cellular process. His work is predominantly centred on axonal transport and how it manages to functionally connect different neuronal compartments, such as synapses, axons and dendrites. His lab is concerned with the study of these elegant networks in health and disease.

**Prof. Karl Friston**

Prof. Friston's studies revolve around brain imaging and theoretical neuroscience. He invented statistical parametric mapping and voxel-based morphometry, both of which are key components of current neuroimaging methods. Located at Queen Square, his lab is currently investigating models of functional integration in the human brain, and the principles that underlie neuronal interactions.