

## University College London Queen Square Movement Disorders Centre Symposium

Date: 10<sup>th</sup> June 2024

Location: Basement Lecture Theatre, 33 Queen Square, London WC1N 3BG

**8:30-9:00**      **Registration (*tea/coffee*)**

**9:00-9:25**      **Opening addresses**

9:00-9:05      Prof. Sonia Gandhi, University College London

9:05-9:25      Mrs. Omotola Thomas, Parkinson's Africa

**9:25-10:05**    **Session 1: Genetics (Chair: Dr. Francesca Magrinelli)**

9:25-9:45      Prof. Nick Wood, University College London

*LRRK2 and PINK1: 20 years later*

9:45-10:05    Prof. Huw Morris, University College London

**10:05-11:15**   **Session 2: Biomarkers (Chair: Prof. Christian Lambert)**

10:05-10:30   Dr. Cynthia Sandor, Imperial College London

*Seeing Parkinson's disease coming using digital biomarkers*

10:30-10:55   Prof. George Tofaris, University of Oxford

*The interplay between alpha-synuclein and organelle homeostasis in Parkinson's disease*

10:55-11:15   Prof. Rimona Weil, University College London

*MRI to predict dementia in Parkinson's disease*

**11:15-11:30**   **Break (*tea/coffee*)**

**11:30-12:45**   **Session 3: Therapeutic Targets (Chair: Prof. Tony Schapira)**

11:30-11:55   Dr. Caroline Williams-Gray, University of Cambridge

*Targeting immune activation – a new therapeutic approach in Parkinson's disease?*

11:55-12:20   Prof. Frances Platt, University of Oxford

*Altered sphingolipid metabolism in Parkinson's disease*

12:20-12:45   Dr. Esther Sammler, Dundee University

*LRRK2 kinase signalling in Parkinson's diseases*

**12:45-13:45**   **Lunch**

**13:45-14:15**   **Panel Discussion: The Future of Parkinson's Research in the UK**

Panel members: TBD

**14:15-15:20**   **Session 4: Rare Movement Disorders (Chair: Prof. Rimona Weil)**

- 14:15-14:40 Prof. Manju Kurian, UCL Great Ormond Street Institute of Child Health  
*Developing novel precision therapies for rare movement disorders*
- 14:40-15:00 Prof. Kailash Bhatia, University College London
- 15:00-15:20 Dr. Francesca Magrinelli, University College London  
*A new gene for early-onset Parkinson's disease/parkinsonism: From gene discovery to preliminary mechanistic data*
- 15:20-15:35 Break (tea/coffee)**
- 15:35-16:40 Session 5: Clinical Trials (Chair: Prof. Anette Schrag)**
- 15:35-15:55 Dr. Marco Toffoli, University College London
- 15:55-16:20 Prof. Tom Foltynie, University College London  
*The Edmond J. Safra accelerating clinical trials in Parkinson's disease initiative*
- 16:20-16:40 Prof. Ludvic Zrinzo, University College London
- 16:40-17:20 Session 6: Diagnostics (Chair: Prof. Tom Warner)**
- 16:40-17:00 Dr. Edwin Jabbari, University College London  
*Using seed amplification assays in the diagnosis of parkinsonian disorders*
- 17:00-17:20 Prof. Christian Lambert, University College London
- 17:20-17:50 Plenary Presentation (Chair: Prof. Tony Schapira)**  
Prof. Jose Obeso, CEU San Pablo University Madrid  
*From neuronal vulnerability to therapy in Parkinson's disease – Current possibilities*
- 17:50-18:00 Closing Remarks – Prof. Tony Schapira, University College London**
- 18:00 Drinks Reception**  
*Botanica Restaurant, Bedford Hotel, 83-95 Southampton Row, London WC1B 4HD*