



# BIOMARKERS

FOR NEURODEGENERATIVE DISEASES  
LONDON - GOTHENBURG PHD COURSE

The University of Gothenburg (Sweden),  
University College London (UK) and  
UK Dementia Research Institute

present

## **Biomarkers for neurodegenerative diseases** **4<sup>th</sup> course edition**

May 16–20, 2022  
UCL Queen Square Institute of Neurology  
London, UK

### **Course direction**

Dr Michael Schöll, Associate Professor  
UGOT/ UCL

Dr Ross Paterson, Senior Clinical Research Fellow  
UCL

### **Course organisation**

Dr Aitana Sogorb-Esteve, ARUK Research Fellow  
UCL

### **For more information, please visit**

<https://www.ucl.ac.uk/ion/study/biomarkers-neurodegenerative-diseases>  
or email [biomarkerscourse@ucl.ac.uk](mailto:biomarkerscourse@ucl.ac.uk)



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# 4<sup>th</sup> UGOT/UCL PhD course

## "Biomarkers for neurodegenerative diseases"

This course aims at providing a comprehensive overview of the dynamic field of biomarkers for neurodegenerative diseases with a focus on Alzheimer's disease.

**We are excited to host a truly outstanding panel of world-leading speakers:**

**Ulf Andreasson** (UGOT): Immunochemical methods

**Nicholas Ashton** (UGOT/KCL): Blood-based biomarkers

**David Berron** (DZNE Magdeburg): Digital biomarkers I: Remote Cognitive Testing

**Kaj Blennow** (UGOT): Blood-based biomarkers

**Stephen Carter** (University of Cambridge): PET imaging of synaptic and neurodegeneration

**Jeffrey Cummings** (Cleveland Clinic/UCLA): Current and future treatment strategies

**Michael Donohue** (University of Southern California): Biomarker statistics (workshop)

**Paul Edison** (Imperial College): PET imaging of inflammation

**Mariana Fontes** (Olink Proteomics): Biomarker panels for protein profiling

**Nick Fox** (UCL): Introduction to MRI and structural MRI

**Johan Gobom** (UGOT): Mass spectroscopy and proteomics

**Jörg Hanrieder** (UGOT/UCL): Lipidomics and metabolomics

**Sir John Hardy** (UCL): Genetics in neurodegenerative diseases

**William Jagust** (University of California, Berkeley): Amyloid and tau PET imaging

**Tammarn Lashley** (UCL): Pathology of neurodegenerative diseases

**Mark Lubberink** (Uppsala University): Introduction to PET

**Cecilia Mascolo** (University of Cambridge): Digital biomarkers II: Wearables

**Niklas Mattsson-Carlgren** (Lund University): Concordance of fluid and imaging biomarkers

**Joana Pereira** (Karolinska Institute): Other MRI biomarkers

**Jonathan Schott** (UCL): Clinical presentations of neurodegenerative diseases

**Kristin Wildsmith** (Eisai): Biomarker support in drug development and clinical trials

**Henrik Zetterberg** (UGOT/UCL): Novel CSF biomarkers



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