Dr Nayana Lahiri

BSc(Hons), MBBS, MD(res), FRCP

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NHS Consultant in Clinical Genetics with a clinical focus in Neurogenetics; particularly in Huntington's Disease. Strong focus in leadership, research, medical education and patient advocacy.

Current Positions

Consultant Clinical Geneticist (2015-)
SW Thames Centre for Genomic Medicine, St. George's University Hospital, London, UK
Honorary Senior Lecturer (2015-)
St. George's University, London
Honorary Consultant in Clinical Genetics (2023-)
UCLH, National Hospital for Neurology and Neurosurgery, London

Qualifications

2019 – Fellowship; Royal Collage of Physicians
2016 – PG Cert Interpretation of Genomic Data St. George's University, London
2014 – Certificate of Completion of Training JRCPTB
– Certificate of Medical Genetics Royal College of Pathologists
2013 – MD(Res) Neurodegenerative Disease UCL, Institute of Neurology, London
2006 – Memebrship RCP, London
2002 – MBBS with Merit SGUL
1999 – BSc(Hons) Medical Genetics, SGUL

Research

2022 - Site Principal Investigator for SAGE Dimension CTIMP
2015 - 2021 Joint CRN Genetics Lead for South London
2018 - Site Principal Investigator for CLARITY-HD
2015-2018 Site Principal Investigator for TEVA LEGATO-HD CTIMP
2012 - Site Principal Investigator ENROLL-HD
2007 - 2011 Identification of factors that influence the onset and progression of Huntington's Disease. MD (Res) UCL, Institute of Neurology. Sups: Prof S J Tabrizi, Prof N Wood.
1998 - 1999 BSc Scholarship from Birth Defects Foundation: A genomewide search for linkage in autosomal recessive Robinow Syndrome. BSc(Hons) St. George's University, London. Sups: Prof M Patton, Prof A Crosby

Leadership

2021 - Clinical Lead for the Huntington's Disease Service, St. George's
2021- Training Programme Director; Pan Thames Genetics Training
2021- Huntington's Disease Association, UK, Trustee
2018- 2021 Care Group Lead St. George's Clinical Genetics Service
2016- 2021 CRN Genetics Research for South London
2018- Co-Chair Incidental Findgings Taskforce EHDN
2016- Co-Chair Genetic Counselling Working Group, EHDN
2016 - UK HD Predictive Testing Consortium, Chair

Grants/Awards

2022 Co-production of a proposed new service model for HD; KSS AHSN & Roche; £45,000
2017 Does the precise CAG repeat sequence of intermediate and reduced penetrance alleles of HTT influence likelihood of expansion into the pathogenic range?; EHDN Seed fund € 48,000

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Education

SGUL – Co-lead MSc Genomic Medicine Module; Genomics of Neurological Disease in addition to Undergraduate and Postgraduate Teaching
HEE - London Pan Thames Clinical Genetics Programme Lead & National Teaching Programme Contributor
Breakfast teaching session at the European Huntington's Disease Network (EHDN) plenary to over 100 international delegates (2018)
Faculty member for the Huntington's Disease Association (HDA) Professionals Course which runs 3x per year (since 2018)
Royal Society of Medicine; Rare Disease focus on Huntington's Disease (2023)
HDA webinars on genomics, genetic counselling and family planning. (2018 - 2023)
Webinar on genomics for the International Huntington's Disease Youth Organisation (2024).
Staff writer for HD Buzz; an HD research news website written in plain language for the global HD community. My article 'Making babies: having a family the HD way' is the most read article on the website which has had a total of 740,589 visits.
Patient information sessions for Rare Dementia Support Charity Family days (2019, 2023)

Selected Publications 2020-

My ORCID ID number is 0000-0002-6260-7700 and my H-index = 25

Book Chapters

2023 Wafik M, Lahiri N. Genetic testing in Neurology in; Neurology Part 1 of 2. Chapter Editors Nath U and Yogarajah M Medicine Volume 51:8 Elsevier
2020 Bruno S, Lahiri N. Genetics of Neuropsychiatry In Oxford Textbook of Neuropsychiatry Editors; N Agrawal, R Faruqui, M Bodani; Oxford

Review/Commentary

2023 Fahy N, Rice C, Lahiri N, Desai R, Stott J. Genetic risk for Huntington Disease and reproductive decision-making: A systematic review. Clin Genet. 2023 Aug;104(2):147-162.
2021 Greaves, C.V., Lahiri, N., Rohrer, J.D., Genetic Frontotemporal Dementia Initiative (GENFI) and UK Predictive Testing Consortium. Developing a consensus protocol for genetic testing in frontotemporal dementia. Alzheimer's & dementia : the journal of the Alzheimer's Association. 2021.

Original Scientific Research Publications as named co-author

In press:Martin-Geary AC, *et al.* Systematic identification of disease-causing promoter and untranslated region variants in 8,040 undiagnosed individuals with rare disease. medRxiv [Preprint]. 2023 Sep 12:2023.09.12.23295416.
Under review minor revisions at Nature Genetics:Jadhav B, *et al.* A phenome-wide association study of methylated GC-rich repeats identifies a GCC repeat expansion in AFF3 as a significant cause of intellectual disability.

Original Scientific Research Publications as named collaborator

Reilmann R *et al.* Safety and efficacy of laquinimod for Huntington's disease (LEGATO-HD): a multicentre, randomised, double-blind, placebo-controlled, phase 2 study. Lancet Neurol. 2024 Mar;23(3):243-255.
Wright CF *et al.* Genomic Diagnosis of Rare Pediatric Disease in the United Kingdom and Ireland. N Engl J Med. 2023 Apr 27;388(17):1559-1571
Papoutsi M *et al.* Intellectual enrichment and genetic modifiers of cognition and brain volume in Huntington's disease. Brain Commun. 2022 Oct 31;4(6):fcac27