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CONFERENCE

LONDON 2025

5–7 November · London

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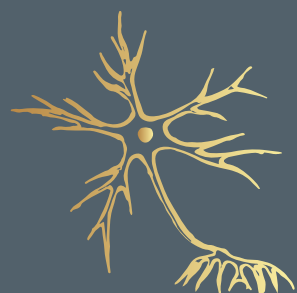
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5TH - 7TH NOVEMBER 2025



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Welcome To #INDConf2025 - LONDON

Goodenough College, London · 5—7 November 2025

On behalf of the organising committee, we are delighted to welcome you to the International Neurotransmitter Disorders Conference #indconf2025.

This event brings together clinicians, researchers, industry partners, and families united by one shared goal — to bridge scientific innovation and clinical advances for patients.

Thank you for being part of this year’s meeting and for helping make INDConf a place where collaboration becomes progress.

Housekeeping & Information

Contact Info: Lisa Flint | Conference Coordinator
mob: 07778 356533 | email: lisa.flint@ucl.ac.uk

Registration Desk: Located in the Great Hall foyer, open from 08:00 each morning.

Wi-Fi: Network — Goodenough Guest | Password — provided at registration.

Speaker Prep & Technical Support: The Technical Table is just inside the Great Hall entrance and available throughout the conference.

Refreshments & Lunch: Served in the Large Common Room, which also hosts our poster displays and sponsor exhibits.

Family Space: The Small Common Room offers a quiet area for families and children during sessions.

Emergency / First Aid: Please contact the registration desk or any team member wearing an Event Team badge.

Social Media: Join the conversation — #INDConf2025



INTERNATIONAL NEUROTRANSMITTER DISORDERS
CONFERENCE
LONDON 2025

Day 1 - Wednesday 5th November 2025

On arrival, please check in at the registration desk to collect your badge and materials, and to let our team know you’ve arrived safely.

	Sessions & Speakers	Presentation Title
12:00-13:15	Arrival, Registration and Lunch	The Foyer & Large Common Room
13:15-15:00	Session 1: An Overview of Neurotransmitter Disorders	The Great Hall
	Co-Chairs: Prof. Manju Kurian, Prof. Simon Heales & Dr Simon Pope	
13:15-13:45	Professor Manju Kurian	Neurotransmitter Disorders: Clinical Overview of Neurotransmitter Disorders
13:45-14:30	Dr Keith Hyland & Professor Simon Heales	Keynote lecture: A Lifetime of Discovery in Neurotransmitter Disorders
14:30-14:45	Professor Thomas Opladen	The iNTD Registry: A 2025 update
14:45-15:00	Panel Discussion	Speakers will join on stage for a panel discussion and audience Q&A.
15:00-15:30	Coffee and Poster Viewing	Large Common Room
15:30-17:30	Session 2: Advances in Laboratory Diagnostics: Biochemical and Genetic Testing	The Great Hall
	Co-Chairs: Prof. Philip Pearl & Dr Simon Pope	
15:30-15:50	Dr Alpa Dherai	Analytical Method Validation for CSF Monoamine HPLC Analysis: Experience from an Indian Centre
15:50-16:10	Dr Rafa Artuch	CSF HVA and 5-HIAA in the Pediatric Population: Clinical Impact of Continuous Reference Intervals
16:10-16:30	Dr Simon Pope	The Utility of Mass Spectrometry in CSF Metabolite Biomarker Analysis
16:30-16:50	Dr David Bick	UK Newborn Genomic Screening for Neurotransmitter Disorders: The Generation Study
16:50-17:10	Professor Nenad Blau	The Spectrum of DDC variants in AADC deficiency: Insights into Genetic Mechanisms
17:10-17:30	Panel Discussion	Speakers will join on stage for a panel discussion and audience Q&A.
17:30-19:30	Welcome drinks reception co-hosted by Prof. Manju Kurian, Prof. Simon Heales & Dr Simon Pope	Brief talks on 'Career journeys and Serendipitous Connections in Neurotransmitter Disorders'
18:30-19:30	Neurotransmitter Poster Presentations	Large Common Room
	Poster Presentations - Behind Every Poster, a Step Toward a Cure	Opportunity to Review Posters, Engage with Presenting Authors, and Discover New Data, Ideas, and Collaborations
19:30		Close of Meeting

Day 2 - Thursday 6th November 2025

Good morning & welcome. Delegates are invited to take their seats in The Great Hall for the start of Day 2’s sessions.

	Sessions & Speakers	Presentation Title
08:30 - 09:00	Arrival Coffee / Pastries	Large Common Room
09:00-10:00	Session 3: Selected Oral Abstract Presentations	The Great Hall
	Co-Chairs: Dr Alpa Dherai & Dr Simon Pope	
	5 x 12-minute Oral Presentations	Presentations selected from submitted abstracts (8-minute presentations, 4-minute discussions)
09:00-09:08	Lead Author: Anita Yousefimonfared	Dopa-responsive Dystonia Associated with the Heterozygous AADC Variant, Cys438Tyr: Structural and Functional Insights
09:08-09:12	Discussion	
09:12-09:20	Lead Author: Prof Manju Kurian	Dopamine Transporter Deficiency Syndrome (DTDS): Further Insights into SLC6A3 Genotypes and Clinical Phenotypes
09:20-09:24	Discussion	
09:24-09:32	Lead Author: Dr. Itay Tokatly Latzer	Central Dysmyelination, GABA, and SSADH Deficient Humans and Mice: Linking Neurotransmission to White Matter Integrity
09:32-09:36	Discussion	
09:36-09:44	Lead Author: Ms. Klaudia Ślusarczyk	A rare co-occurrence of the GCH1:p.Arg170Gly and NEXMIF:p.Asp155GlnfsTer2 variants causing GCH1 deficiency and epileptic encephalopathy
09:44-10:48	Discussion	
09:48-09:56	Lead Author: Ms Mari Oppebøen	Biallelic SUPT4H1 Variants Cause a Novel Multisystem Neurodevelopmental Disorder Through Disrupted Transcriptional Elongation
09:56-10:00	Discussion	
10:00-10:15	Coffee	Large Common Room
10:15 - 12:30	Session 4: Monoamine Neurotransmitter Disorders - Expanding Diseases and Phenotypes	The Great Hall
	Co-Chairs: Dr Toni Pearson & Dr Roser Pons	
10:15-10:45	Dr Reem Alkhater & Dr Birgit Assmann	The Emerging Role of Monoamine Transportopathies in Human Disease
10:15-10:45	Professor Yair Anikster	DNAJC12 deficiency: Expanding Genotype, Phenotype and Emerging Disease Mechanisms
11:15-11:45	Professor Simon Heales	Secondary Neurotransmitter Disorders: Laboratory Insights
11:45-12:15	Dr Tessa Wassengberg	Secondary Neurotransmitter Disorders: Clinical Phenotypes
11:45-12:15	Panel Discussion	Speakers will attend the stage for a panel discussion and audience Q&A
12:30 - 13:25	Cold Lunch and Poster Viewing	Large Common Room

Day 2 - Thursday 6th November 2025

13:25 - 15:30	Session 5: Vitamins, GABA and Glycine Disorders	The Great Hall
	Co-Chairs: Rafa Artuch & Nenad Blau	
13:25-13:55	Dr Simon Pope & Professor Nick Greene	Disorders of Cerebral Folate Deficiency: Genotypes, Phenotypes, Pathogenesis, Laboratory
13:55-14:25	Professor Philippa Mills & Professor Peter Clayton	Disorders of B6 Metabolism: Genotypes, Phenotypes, Pathogenesis, Laboratory
14:25-14:50	Professor Phillip Pearl	Translational Arc for GABA Disorders
14:50-15:15	Professo Johan Van Hove	An Update on Glycine Metabolism
15:15-15:30	Panel Discussion	Speakers will attend the stage for a panel discussion and audience Q&A
15:30 - 15:45	Coffee	Large Common Room
15:45 - 16:55	Session 6: Disease Modelling for Monoamine Neurotransmitter Disorders	The Great Hall
	Co-Chairs: Prof. Peter Clayton & Prof. Thomas Opladen	
15:45-16:05	Professor Mita Bertoldi	In Silico and in Vitro Modelling for AADC Deficiency: Functional Insight into Disease Mechanisms
16:05-16:25	Dr Serena Barral	Advanced iPSC-based Disease Modelling for Neurotransmitter Disorders
16:25-16:45	Professor Jo Ng	Preclinical Novel Therapy Development for Primary and Secondary Neurotransmitter Disorders
16:45-16:55	Panel Discussion	Speakers will attend the stage for a panel discussion and audience Q&A.
16:55 - 17:25	Coffee/Fork Buffet	Large Common Room
17:25-19:30	Session 7: INDConf Video Challenge - Workshop for Clinical cases and Videos followed by Meet the Experts	The Great Hall
	Co-Chairs: Professor Manju Kurian & Dr Roser Pons	
17:25-18:25	4 x 15-minute Video Clinical Case Challenges	
17:25-17:30	Alpa’s Video Challenge	Infantile Movement Disorder with Lactic Acidosis and Abnormal CSF Neurotransmitters
17:30-17:40	Audience Participation	
17:40-17:45	GOSH Video Challenge	An Unusual Case of Paroxysmal Neck Movements
17:45-17:55	Audience Participation	
17:55-18:00	Cathrin's Video Challenge	2 Cases of Cerebral Folate Deficiency
18:00-18:10	Audience Participation	
18:10-18:15	GOSH Video Challenge	An Unusual Case of Cerebral Palsy
18:15-18:25	Audience Participation	
18:30-19:30	Meet the Experts	Please allow 5 minutes for the session to be arranged. Our experts will be seated around the venue and look forward to informal conversations and open discussion with attendees.
19:30	Close of Meeting	

Day 3 - Friday 7th November 2025

As we begin the final day of INDConf LONDON 2025, we thank all delegates, speakers, and partners for their valuable contributions so far.

	Sessions & Speakers	Presentation Titles
08:30 -09:00	Arrival Coffee / Pastries	Large Common Room
09:00 -09:48	Session 8: Selected Oral Presentations	The Great Hall
	Co-Chairs: Professor Mita Bertoldi & Dr Alpa Dherai	
	4 x 12-minute Oral Presentations	Presentations selected from submitted abstracts (8-minute presentations, 4-minute discussions)
09:00-09:08 09:08-09:12	Lead Author : Unai Diaz-Moreno Discussion	Simplified CBR-NKH prognostic score for nonketotic hyperglycinaemia
09:12-09:20 09:20-09:24	TBC Discussion	
09:24-09:32 09:32-09:36	Lead Author : Miss Wing Sum Chu Discussion	Gene therapy for tyrosine hydroxylase deficiency
09:36-09:44 09:44-09:48	Lead Author : Dr. Antonio Spagarino Discussion	Precision Gene Therapy (GT) Results in Clinical Benefit and Developmental Gains in Aromatic L-Amino Acid Decarboxylase Deficiency (AADCd): The UK Experience
09:50-12:15	Session 9a: Established and Novel Therapies for Neurotransmitter Disorders	The Great Hall
	Co-Chairs: Prof. Manju Kurian & Prof. Simon Heales	
09:50-10:15 10:15-10:40 10:40-10:50	Dr Roser Pons Dr Sam Shribman Panel Discussion	Treatable Neurotransmitter Disorders Treating Adults with Neurotransmitter Disorders Speakers will attend the stage for a panel discussion and audience Q&A.
10:50-11:05	Coffee	Large Common Room
11:05-12:15	Session 9b: Resumes	The Great Hall
11:05-11:30 11:30-11:55 11:55-12:15	Professor Thomas Opladen Dr Toni Pearson Panel Discussion	Gene Therapy for AADC deficiency: Long Term Outcomes with Putaminal Targeting Gene Therapy for AADC deficiency: Long Term Outcomes with Midbrain Targeting Speakers will attend the stage for a panel discussion and audience Q&A.
12.15-13.30	Session 10: Neurotransmitter Workshop for Patient & Public Engagement & Involvement	The Great Hall
	Co-Chairs: Prof. Thomas Opladen & Dr Roser Pons	
	Interactive Session Focused on Neurotransmitter Diagnostics, Prognostics, Therapeutics and Identifying Patient Priorities	
12:15-12:20 12:20-12:25 12:25-12:30 12:30-12:35 12:35-12:40 12:40-12:45 12:45-13:00 13:00-13:20 13:20-13:30	Ana Patak (for Ivana Badnjarevic) Amisha Bagri Judy & Richard Poulin Fran Penarrubia Professor Manju Kurian Ivana Badnjarevic All Speakers from Session 10 All Speakers from Session 10 Ana Patak (for Ivana Badnjarevic)	Welcome & Intro Importance of early diagnosis and newborn screening (NBS); burden of care (DHPR example) Gene therapy post-op AADC experience; education and caregiver lifestyle strategies Psychosocial impact and psychiatric challenges (SSADH example) DTDS midbrain gene therapy trial; importance of scientific updates for families Role of patient advocates as a bridge between stakeholders Panel Round 1, general questions from audience 15 minutes Panel Round 2, targeted question for each panelist, 3min each, 15-20 minutes Closing and takeaways, 2min each, 10 minutes
13.30-13.45	Close of Meeting & Presentation	The Great Hall
	Co-Chairs: Prof. Manju Kurian, Prof. Simon Heales & Dr Simon Pope	Close of Meeting and Presentation of Early Career Researcher Prizes for best Oral Presentation and Best Poster
13.45-16:00	Lunch and Depart	

With gratitude to the INDConf Medical and Scientific Committee for their expertise and vision in developing this year’s programme.

Medical & Scientific Organising Committee

Professor Manju Kurian

Medical & Scientific Committee Co-Chair
UCL Professor of Genetics | Honorary Consultant in Paediatric Neurology
London, UK

Dr Alpa Dherai

Consultant Biochemist
Mumbai, India

Professor Rafa Artuch

Head of Biochemistry Department
Barcelona, Spain

Professor Simon Heales

Medical & Scientific Committee Co-Chair
UCL Professorial Fellow | Consultant Clinical Scientist
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Dr Roser Pons

Pediatric Neurologist & Faculty Member
Athens, Greece

Dr Simon Pope

Medical & Scientific Committee Co-Chair
UCL Senior Research Fellow | Principle Biomedical Scientist
London, UK

Dr Toni Pearson

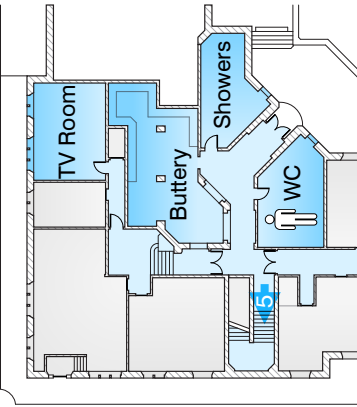
Pediatric Neurologist & Movement Disorder Specialist | Lead Neurologist, Gene Therapy Trials, US
St Louis, USA

Professor Thomas Opladen

Center for Pediatric and Adolescent Medicine | Division of Pediatric Neurology & Metabolic Medicine,
Heidelberg, Germany



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Member's communal rooms

Private

Lower Ground

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London House

Mecklenburgh Square

London WC1N 2AB

020 7837 8888

www.goodenough.ac.uk

Public circulation

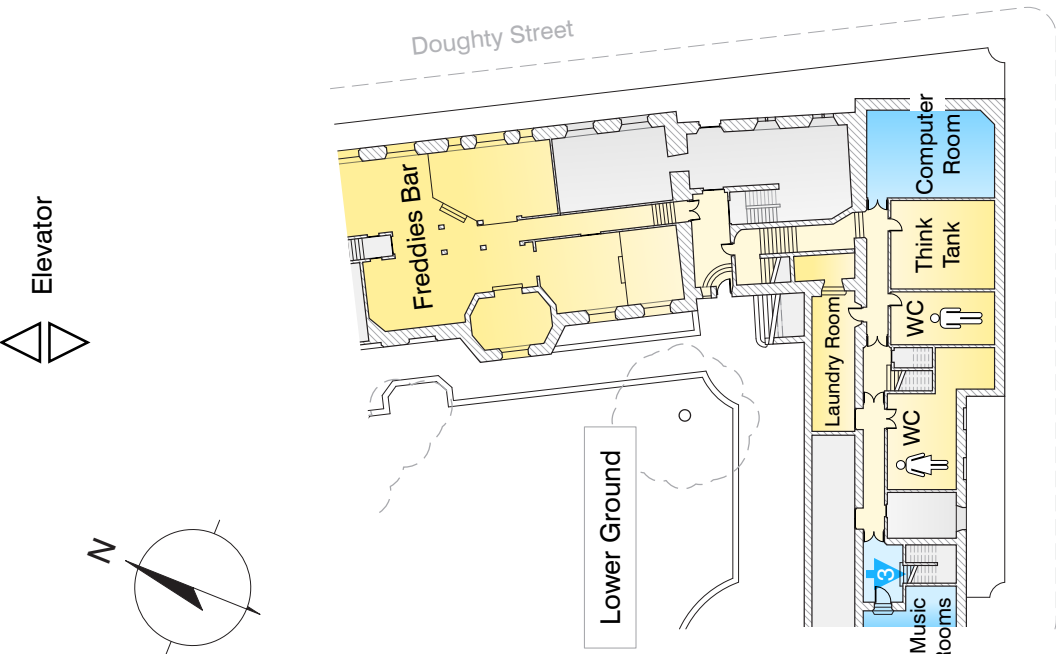
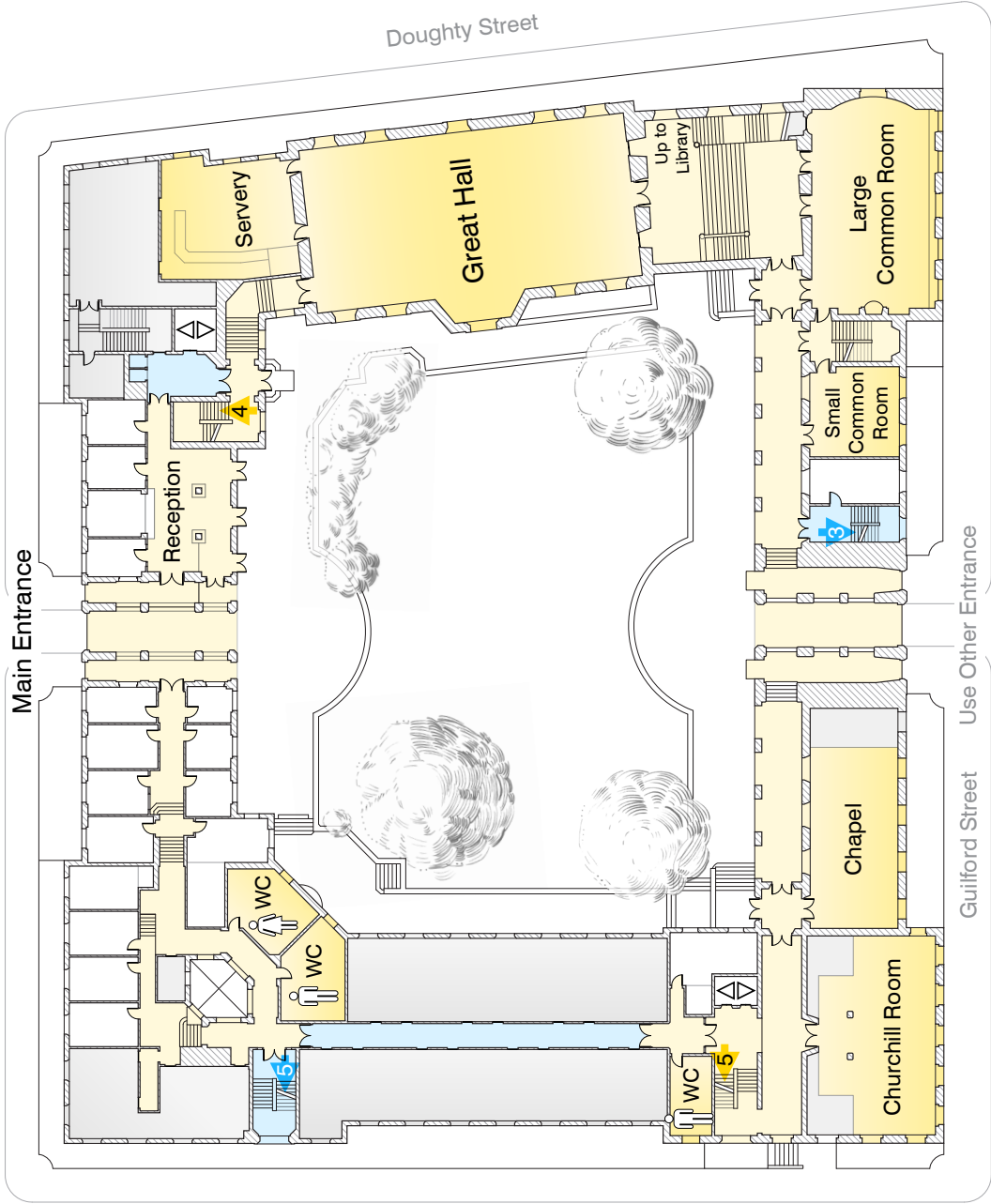
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Other

Public stairs

Member's stairs

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