

FORMATO EUROPEO
PER IL CURRICULUM
VITAE



INFORMAZIONI PERSONALI

Nome
Indirizzo
Telefono
E-mail
Data di nascita

Leta, Valentina

I.R.C.C.S. Istituto Neurologico "Carlo Besta" – SC Neurologia 1 Malattia di Parkinson e disturbi del movimento - Via Celoria 11, 20133, Milano, Italia
(+39) 02-23942961
valentina.leta@istituto-besta.it
14/02/1988

ESPERIENZA LAVORATIVA

- Date (da – a)
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego
- Principali mansioni e responsabilità

01/07/2023 - oggi

I.R.C.C.S. Istituto Neurologico "Carlo Besta" SC Neurologia 1 Malattia di Parkinson e disturbi del movimento - Via Celoria 11, 20133, Milano, Italia
Servizio Sanitario Nazionale
Dirigente Medico – Neurologo
Attività clinica di reparto e ambulatoriale, attività di ricerca clinica

- Date (da – a)
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego
- Principali mansioni e responsabilità

01/03/2022 - 31/05/2023

King's College Hospital NHS Foundation Trust - Parkinson's Foundation centre of excellence at King's College Hospital and Neurology Department at Princess Royal University Hospital, Londra, Regno Unito
National Health Service
Consultant Neurologist
Attività clinica di reparto e ambulatoriale

- Date (da – a)
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego
- Principali mansioni e responsabilità

01/03/2022 - 31/05/2023

Parkinson's Foundation centre of excellence at King's College Hospital and King's College London, Londra, Regno Unito
National Health Service and University College
Research Fellow in Movement Disorders
Attività di ricerca clinica e traslazionale

- Date (da – a)
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego
- Principali mansioni e responsabilità

01/10/2021 - 28/02/2022

King's College Hospital NHS Foundation Trust - Neurology Department at Princess Royal University Hospital, Londra, Regno Unito
National Health Service
Locum Consultant Neurologist
Attività clinica di reparto e ambulatoriale

- Date (da – a)
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego

01/01/2019 – 28/02/2022

Parkinson's Foundation centre of excellence at King's College Hospital and King's College London, Londra, Regno Unito
National Health Service and King's College London
Clinical Research Fellow in Movement Disorders

- Principali mansioni e responsabilità
 - Date (da – a) 01/11/2014 – 19/12/2018
 - Nome e indirizzo del datore di lavoro **Università degli studi di Milano**
Via Festa del Perdono 7, 20122, Milano, Italia
 - Tipo di azienda o settore Scuola di Specializzazione in Neurologia
 - Tipo di impiego **Medico in Formazione Specialistica**. Frequenza presso Reparto di Neurologia Ospedale Sacco (Milano, Italia) e Parkinson's centre of excellence at King's College Hospital and King's College London, Londra, Regno Unito
- Principali mansioni e responsabilità
 - Date (da – a) 01/06/2014 – 31/08/2014
 - Nome e indirizzo del datore di lavoro **Azienda Sanitaria Provincia Cosenza**
Viale degli Alimena, 8, Cosenza, Italia
 - Tipo di azienda o settore Servizio Sanitario Nazionale
 - Tipo di impiego **Servizio di continuità assistenziale**
- Principali mansioni e responsabilità Medico di continuità assistenziale

ISTRUZIONE E FORMAZIONE

- Nome e tipo di istituto di istruzione o formazione
 - Date (da – a) Febbraio 2019 – Maggio 2023
 - Principali materie **Institute of Psychiatry, Psychology And Neuroscience, King's College London**
Strand, WC2R 2LS, Londra, Regno Unito
 - Qualifica conseguita Clinical Neuroscience Research - Movement Disorders
Doctor of Philosophy in Clinical Neuroscience Research
Tesi "*Gastrointestinal dysfunction in Parkinson's disease: gut microbiota, inflammation and endophenotypes*"
- Nome e tipo di istituto di istruzione o formazione
 - Date (da – a) Novembre 2014 – Dicembre 2018
 - Principali materie **Università degli studi di Milano**
Via Festa del Perdono 7 - 20122 Milano, Italia
 - Qualifica conseguita Neurologia
19/12/2018 - **Specializzazione in Neurologia. Voto: 70/70 cum laude**
Tesi "*Intrajejunal levodopa infusion combined with Catechol-O-Methyl Transferase inhibition: a new therapeutic strategy in advanced Parkinson's disease*"
- Nome e tipo di istituto di istruzione o formazione
 - Date (da – a) Settembre 2007 – Luglio 2013
 - Principali materie **Alma Mater Studiorum - Università di Bologna**
Via Zamboni, 33 - 40126 Bologna, Italia
 - Qualifica conseguita Medicina e chirurgia
13/07/2013 – **Laurea in Medicina e Chirurgia. Voto: 110/110 cum laude e dignità di stampa**
Tesi "*Diagnosi in vivo della Malattia di Parkinson: depositi cutanei di alpha-sinucleina*"
- Nome e tipo di istituto di istruzione o formazione
 - Date (da – a) Settembre 2001 – Luglio 2006
 - Principali materie Liceo Classico Italo Maione
87027 Paola, Italia
 - Qualifica conseguita Luglio 2006 - Diploma di Liceo Classico. Voto: 100/100

CAPACITÀ E COMPETENZE PERSONALI

MADRELINGUA

ITALIANO

ALTRE LINGUA

INGLESE

Eccellente

Eccellente

Eccellente

FRANCESE

Elementare

Elementare

Elementare

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

CAPACITÀ E COMPETENZE RELAZIONALI E ORGANIZZATIVE

Capacità e competenze relazionali e organizzative acquisite attraverso i seguenti ruoli/esperienze:

- **Selezione e completamento dell'International Parkinson and Movement Disorders Society, Leadership international program (2021 - 2022)**
- **Principal investigator degli studi internazionali e multicentrici CTH-301 (ClinicalTrials.gov Identifier: NCT02542696) e CTH-302 (ClinicalTrials.gov Identifier: NCT03391882) al King's College Hospital, Londra, Regno Unito (2019 – 2023)**
- **Giovane rappresentante del comitato direttivo dell'International Parkinson and Movement Disorders Society, Non-motor Parkinson's disease study group (2019 – oggi)**
- **Coordinatore dell'International Parkinson and Movement Disorders Society, Non-motor Parkinson's disease study group (2018 – 2023)**
- **Coordinatore della Themed subgroups initiative of the International Parkinson and Movement Disorders Society, Non-motor Parkinson's disease study group (2020 – 2023)**
- **Coordinatore dell'Autonomic dysfunction Themed subgroup initiative of the International Parkinson and Movement Disorders Society, Non-motor Parkinson's disease study group (2020 – oggi)**
- **Membro dell'European Academy of Neurology, Scientific Panel Autonomic Nervous System Disorders (2022- oggi)**
- **Lezioni frontali per studenti di corsi di laurea e master al King's College London, Londra, Regno Unito (2018 – 2023)**
- **Supervisore di Clinical Research fellows al Parkinson's centre of excellence, King's College Hospital, Londra, Regno Unito (2019 – 2023)**
- **Supervisore di studenti di corsi di laurea e master al King's College London, Londra, Regno Unito (2018 – 2023)**
- **Relatore di congressi scientifici nazionali e internazionali (2015 - oggi)**
- **Membro del team editoriale di Neurodigest Journal (2021 – oggi)**
- **Membro del team editoriale dell'International Association of Parkinsonism and Related Disorders newsletter (2021 – oggi)**
- **Co-Editor e Co-autore del libro 'The Movement disorders Prescriber's Guide to Anti-Parkinson's Drugs' – Cambridge University Press (in corso)**
- **Membro del team editoriale (review editor) – Frontiers in Neurology – Experimental therapeutics (2021 – oggi)**
- **Membro del team editoriale (review editor) – Frontiers in Neurology – Movement Disorders (2023 – oggi)**
- **Assistente Editor del libro 'Sexual Dysfunction in Parkinson's' – ELSEVIER (2020 –**

2022)

- Membro delle commissioni organizzative dell'*International Parkinson and Movement Disorders Society, Schools for young neurologists* (Londra 2019 e Lund 2020)
- Rappresentante degli specializzandi di Neurologia dell'Università degli studi di Milano, Milano, Italia (2013 - 2018)
- Tutor di anatomia settoria dell' Alma Mater Studiorum - Università di Bologna, Bologna, Italia (2009 - 2013)

CAPACITÀ E COMPETENZE CLINICHE

Attività diagnostica e terapeutica delle malattie neurologiche con particolare esperienza nell'ambito dei disturbi del movimento e nello specifico:

- Malattia di Parkinson e parkinsonismi atipici
- Gestione dei sintomi non-motori della Malattia di Parkinson
- Sistemi di terapia infusionale per la Malattia di Parkinson tra cui infusione intestinale di levodopa-carbidopa gel, iniezione e infusione sottocutanea di apomorfina
- Sindrome delle gambe senza riposo
- Trattamento con tossina botulinica dei disturbi distonici e della scialorrea

CAPACITÀ E COMPETENZE DI RICERCA

Principal investigator e Sub-investigator di numerosi studi clinici commerciali e non-commerciali sulla Malattia di Parkinson, parkinsonismi atipici e Malattia di Wilson
Collaboratore di European Union's Horizon 2020 projects (i-Prognosis e PD-Pal)
Raccolta e analisi dei dati, analisi della letteratura scientifica pubblicata, stesura di manoscritti, sviluppo di nuove idee e stesura di grants

CAPACITÀ E COMPETENZE TECNICHE

Utilizzo del pacchetto OFFICE per Windows e SPSS Statistics
Utilizzo di sensori per il monitoraggio della Malattia di Parkinson (Parkinson's KinetiGraph (PKG) e PD Neurotechnology)
Utilizzo di sistemi di studio del sistema nervoso vegetativo: monitoraggio dei parametri cardiovascolari e gastrointestinali

CAPACITÀ E COMPETENZE ARTISTICHE

Flautista – Diploma in flauto traverso, teoria e solfeggio. 2006 - Conservatorio 'F. Torrefranca' di Vibo Valentia, Italia

AFFILIAZIONI A LIVELLO NAZIONALE ED INTERNAZIONALE

Giovane rappresentante del comitato direttivo dell'*International Parkinson and Movement Disorders Society, Non-motor Parkinson's disease study group* (2019 – oggi)

Coordinatore dell'*International Parkinson and Movement Disorders Society, Non-motor Parkinson's disease study group* (2018 – 2023)

Coordinatore della *Themed subgroups initiative of the International Parkinson and Movement Disorders Society, Non-motor Parkinson's disease study group* (2020 – 2023)

Coordinatore dell'*Autonomic dysfunction Themed subgroup initiative of the International Parkinson and Movement Disorders Society, Non-motor Parkinson's disease study group* (2020 – oggi)

Membro dell'*European Academy of Neurology, Scientific Panel Autonomic Nervous System Disorders* (2022- oggi)

Membro dell'*European Academy of Neurology* (2019 – oggi)

Registrato presso il *General Medical Council Specialist Register* - GMC reference number: 7628815 (2018 – oggi)

Membro dell'*International Parkinson Movement Disorder Society* (2018-oggi)

Membro dell'Accademia LIMPE-DISMOV (2017 – oggi)

Membro della Società Italiana di Neurologia (2015 – oggi)

Membro dell'Ordine provinciale dei Medici - Chirurghi e degli Odontoiatri di Cosenza e provincia – 7845 (2014 – oggi)

FINANZIAMENTI

Trustworthy artificial intelligence (AI) tools to predict the risk of chronic non-communicable diseases and/or their progression - TOPIC ID: HORIZON-HLTH-2022-STAYHLTH-01-04-two-stage (<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/horizon-hlth-2022-stayhlth-01-04-two-stage>; collaborator) - 2022

A RCT study of Montelukast in Parkinson's disease - Swedish research council (SEK 20 000 000; co-applicant) - 2022

Helicobacter pylori (HP) infection holistic health of Parkinson's disease (PD) (The HeliPark Study) - Programme transCampus King's College London and Dresden University (€ 8502,96; co-applicant) - 2021

SMA-18B: Small grants K-1803: Oral Symprove (a probiotic) for the management of motor and non-motor symptoms in people with Parkinson's: a novel randomised, double-blind, placebo-controlled pilot study – Parkinson UK (£38,562.60; steering group member) - 2018

PARTECIPAZIONE A COMITATI EDITORIALI E ATTIVITÀ DI REVISORE PER RIVISTE SCIENTIFICHE

Membro del team editoriale (review editor) – Frontiers in Neurology – Experimental therapeutics (2021 – oggi)

Membro del team editoriale (review editor) – Frontiers in Neurology – Movement Disorders (2023 – oggi)

Membro del team editoriale di Neurodigest Journal (2021 – oggi)

Membro del team editoriale dell'International Association of Parkinsonism and Related Disorders newsletter (2021 – oggi)

Co-Editor e Co-autore del libro 'The Movement disorders Prescriber's Guide to Anti-Parkinson's Drugs' - Cambridge University Press (in corso)

Assistente Editor del libro 'Sexual Dysfunction in Parkinson's' - ELSEVIER (2020 – 2022)

Revisore per riviste scientifiche peer-reviewed quali Nature Partner Journals Parkinson's disease, Movement Disorders e Movement Disorders Clinical Practice

RICONOSCIMENTI

International Parkinson Movement Disorders Society Leadership graduation award - class 2021 (<https://www.movementdisorders.org/MDS/Education/Courses/MDS-LEAP-Program/LEAP-2021.htm>) – Madrid, Spagna, 2022

Travel grant award International Parkinson Movement Disorders Society Congress 2022 (Poster: Levodopa-carbidopa intestinal gel infusion and long-term tolerability in Parkinson's: multicentre, international 13-year follow-up data) – Madrid, Spagna, 2022

Poster selection for guided tour at the International Parkinson Movement Disorders Society Congress 2022 (Poster: Levodopa-carbidopa intestinal gel infusion and long-term tolerability in Parkinson's: multicentre, international 13-year follow-up data) – Madrid, Spagna, 2022

Poster selection for guided tour at the International Parkinson Movement Disorders Society Congress 2021 (Poster: Parkinson's disease and Post-COVID-19 syndrome) – virtuale, 2021

Poster highlighted during the plenary session "Highlights from 2020: Looking Toward 2021" of the International Parkinson Movement Disorders Society Congress 2020 (Poster: Does constipation predict cognitive impairment and dementia in de novo Parkinson's disease patients? A multi-cohort (NLS and PPMI) longitudinal data analysis) – virtuale, 2020

Best paper of the year 2020 nomination at the Basic and Clinical Neuroscience King's College London (Manoscritto: Opicapone and Levodopa-Carbidopa Intestinal Gel Infusion: The Way Forward Towards Cost Savings for Healthcare Systems?) – virtuale, 2020

Best presented clinical case nomination at the International Parkinson Movement Disorder Society Summer School for young neurologist – Copenhagen, Danimarca, 2018

Premio Giovani Società Italiana di Neurologia (SIN) – Congresso SIN 2015 (poster: Atypical migraine aura in left insular telangiectatic malformation)– Genova, Italia, 2015

Premio 'Oddone Sazzini' per gli eccellenti risultati negli studi scientifici - Associazione Profutura (progetto: *In vivo* diagnosis of Parkinson's Disease: skin nerve α -synuclein deposits) - Bologna, Italia, 2014

Dignità di stampa per la tesi in Medicina e Chirurgia presso l'Università Alma mater Studiorum di Bologna (tesi: *In vivo* diagnosis of Parkinson's Disease: skin nerve α -synuclein deposits) - Bologna, Italia 1013

Borsa di studio per studenti laureati in Medicina con voti più alti anno 2012/2013 presso l'Università Alma mater Studiorum di Bologna - Bologna, Italia, 2014

Borsa di studio ER.GO per l'anno accademico 2012-2013 – Bologna, Italia, 2013

Borsa di studio 'Homo Sapiens Sapiens' INPDAP – Italia, 2012

Borsa di studio per training avanzato in anatomia settoria presso centro collaborativi in USA - Alma mater Studiorum - Università di Bologna - Bologna, Italia, 2010

PRESENTAZIONI ORALI

(Limitatamente a CONGRESSI e WORKSHOP a Livello INTERNAZIONALE)

Effect of Opicapone vs. additional dose of levodopa/DDCI as a first-line approach to treat wearing-off in PD: the ADOPTION trial - International Congress of Parkinson's Disease and Movement Disorders Bial Sponsored symposium – Copenhagen, Danimarca (Agosto 2023)

Gastrointestinal barriers to levodopa transport and absorption in Parkinson's -The 3rd congress on Parkinson's disease and movement disorders of the European Federation – Brasov, Romania (Dicembre 2022)

Gastrointestinal dysfunction in Parkinson's disease - 22nd European Federation of Autonomic Societies (EFAS) Meeting in conjunction with 10th International Movement Disorders Teaching Course – Brasov, Romania (Novembre 2022)

Nothing Was Delivered: Gastrointestinal Dysfunction in advanced Parkinson's disease - The 7th Abbvie Summit on Advanced Parkinson's disease – Amsterdam, Paesi Bassi (Ottobre 2022)

Probiotics in Parkinson's disease - Non-motor Parkinson's disease satellite congress 2022 (endorsed by the International Parkinson Movement Disorders Society) – Londra, Regno Unito (Settembre 2022)

NICE Technology Appraisal Guidance XEOMIN® (botulinum neurotoxin type A) for treating chronic sialorrhea - Non-motor Parkinson's disease satellite congress 2022 (endorsed by the International Parkinson Movement Disorders Society) – Londra, Regno Unito (Settembre 2022)

Gastrointestinal dysfunction and non-oral therapies in Parkinson's disease -11th International Movement Disorders Teaching Course – Brasov, Romania (Maggio 2022)

Debate on Parkinson's disease - Using probiotics is a waste of time in PD management: No - CONy2022 The 16th World Congress on controversies in Neurology (Marzo 2022)

Movement disorders and viral infections: general principles and COVID-19 - Teaching course at the European Academy of Neurology congress 2021 (Giugno 2021)

Gastrointestinal dysfunction and non-oral therapies in Parkinson's disease - The 9th International Movement Disorders teaching course – Brasov, Romania (Marzo 2020)

What does the gut tell us about Parkinson's? - The 8th International Movement Disorders teaching course – Brasov, Romania (Marzo 2019)

The SymPD study - International Parkinson and Movement Disorder Society Non-motor Parkinson's disease study group meeting 2019 – Chinchon, Spagna (Maggio 2019)

Gastrointestinal dysfunction and non-oral therapies in Parkinson's disease - King's international Apomasterclasses - Londra, Regno Unito (2019-2020)

Non-motor symptoms progression in Parkinson's disease - International Parkinson and Movement Disorder Society Non-motor

ELENCO PUBBLICAZIONI

SCOPUS Author ID: 55817959400. ORCID ID: <https://orcid.org/0000-0002-5794-7540>. H-index (SCOPUS): 17 (accesso 01/10/2023). Totale pubblicazioni: 59. Totale citazioni: 1,124.

Ray Chaudhuri K, **Leta V (co-first)**, Bannister K, Brooks DJ, Svenningsson P. The noradrenergic subtype of Parkinson disease: from animal models to clinical practice. *Nat Rev Neurol*. 2023 Jun;19(6):333-345. doi: 10.1038/s41582-023-00802-5. Epub 2023 May 4. PMID: 37142796.

Boura I, Qamar MA, Daddoveri F, **Leta V**, Poplawska-Domaszewicz K, Falup-Pecurariu C, Ray Chaudhuri K. SARS-CoV-2 and Parkinson's Disease: A Review of Where We Are Now. *Biomedicine*. 2023 Sep 13;11(9):2524. doi: 10.3390/biomedicine11092524. PMID: 37760965; PMCID: PMC10526287.

Wamelen DJV, **Leta V**, Chaudhuri KR, Jenner P. Future Directions for Developing Non-dopaminergic Strategies for the Treatment of Parkinson's Disease. *Curr Neuroparmacol*. 2023 Jul 31. doi: 10.2174/1570159X21666230731110709. Epub ahead of print. PMID: 37526188.

Sorrell L, **Leta V (co-first)**, Barnett A, Stevens K, King A, Inches J, Kobylecki C, Walker R, Chaudhuri KR, Martin H, Rideout J, Sneyd JR, Campbell S, Carroll C; COVID-19 PD UK study team. Clinical features and outcomes of hospitalised patients with COVID-19 and Parkinsonian disorders: A multicentre UK-based study. *PLoS One*. 2023 Jul 31;18(7):e0285349. doi: 10.1371/journal.pone.0285349. PMID: 37523365; PMCID: PMC10389727.

Tai YC, Liao PH, **Leta V**, Lin CH, Chaudhuri KR. Irritable bowel syndrome based on Rome IV diagnostic criteria associates with non-motor symptoms of Parkinson's disease. *Parkinsonism Relat Disord*. 2023 Aug;113:105496. doi: 10.1016/j.parkreldis.2023.105496. Epub 2023 Jun 24. PMID: 37385160.

Jenner P, Falup-Pecurariu C, **Leta V**, Verin M, Auffret M, Bhidayasiri R, Weiss D, Borovečki F, Jost WH. Adopting the Rumsfeld approach to understanding the action of levodopa and apomorphine in Parkinson's disease. *J Neural Transm (Vienna)*. 2023 May 20. doi: 10.1007/s00702-023-02655-0. Epub ahead of print. PMID: 37210460.

Tall P, Qamar MA, Batzu L, **Leta V**, Falup-Pecurariu C, Ray Chaudhuri K. Non-oral continuous drug delivery based therapies and sleep dysfunction in Parkinson's disease. *J Neural Transm (Vienna)*. 2023 May 1. doi: 10.1007/s00702-023-02640-7. Epub ahead of print. PMID: 37126118.

Raeder V, Batzu L, Untucht R, Fehre A, Rizos A, **Leta V**, Schmelz R, Hampe J, Bostantjopoulou S, Katsarou Z, Storch A, Reichmann H, Falkenburger B, Ray Chaudhuri K, Klingelhofer L. The Gut Dysmotility Questionnaire for Parkinson's disease: Insights into development and pretest studies. *Front Neurol*. 2023 Mar 28;14:1149604. doi: 10.3389/fneur.2023.1149604. PMID: 37056364; PMCID: PMC10086186.

Leta V, van Wamelen DJ, Aureli F, Metta V, Trivedi D, Cortelli P, Rodriguez-Blazquez C, Rizos A, Ray Chaudhuri K. The real-life effect of catechol-O-methyltransferase inhibition on non-motor symptoms in levodopa-treated Parkinson's disease: opicapone versus entacapone. *J Neural Transm (Vienna)*. 2023 Jul;130(7):925-930. doi: 10.1007/s00702-023-02603-y. Epub 2023 Apr 10. PMID: 37036498; PMCID: PMC10293442.

Leta V, Klingelhofer L, Longardner K, Campagnolo M, Levent HÇ, Aureli F, Metta V, Bhidayasiri R, Chung-Faye G, Falup-Pecurariu C, Stocchi F, Jenner P, Warnecke T, Ray Chaudhuri K; International Parkinson and Movement Disorders Society Non-Motor Parkinson's Disease Study Group. Gastrointestinal barriers to levodopa transport and absorption in Parkinson's disease. *Eur J Neurol*. 2023 May;30(5):1465-1480. doi: 10.1111/ene.15734. Epub 2023 Mar 7. PMID: 36757008.

Rota S, Urso D, van Wamelen DJ, **Leta V**, Boura I, Odin P, Espay AJ, Jenner P, Chaudhuri KR. Why do 'OFF' periods still occur during continuous drug delivery in Parkinson's disease? *Transl Neurodegener*. 2022 Oct 13;11(1):43. doi: 10.1186/s40035-022-00317-x. PMID: 36229860; PMCID: PMC9558383.

Leta V, Boura I, van Wamelen DJ, Rodriguez-Violante M, Antonini A, Chaudhuri KR. Covid-19 and Parkinson's disease: Acute clinical implications, long-COVID and post-COVID-19 parkinsonism. *Int Rev Neurobiol*. 2022;165:63-89. doi: 10.1016/bs.im.2022.04.004. Epub 2022 Aug 8. PMID: 36208907; PMCID: PMC9357514.

Emmi A, Boura I, Raeder V, Mathew D, Sulzer D, Goldman JE, **Leta V (corresponding)**. Covid-19, nervous system pathology, and Parkinson's disease: Bench to bedside. *Int Rev Neurobiol*. 2022;165:17-34. doi: 10.1016/bs.im.2022.06.006. Epub 2022 Aug 9. PMID: 36208899; PMCID: PMC9361071.

Leta V, Urso D, Batzu L, Lau YH, Mathew D, Boura I, Raeder V, Falup-Pecurariu C, van Wamelen D, Ray Chaudhuri K. Viruses,

parkinsonism and Parkinson's disease: the past, present and future. *J Neural Transm (Vienna)*. 2022 Sep;129(9):1119-1132. doi: 10.1007/s00702-022-02536-y. Epub 2022 Aug 29. PMID: 36036863; PMCID: PMC9422946.

Bhidayasiri R, Phuenpathom W, Tan AH, **Leta V**, Phumhid S, Chaudhuri KR, Pal PK. Management of dysphagia and gastroparesis in Parkinson's disease in real-world clinical practice - Balancing pharmacological and non-pharmacological approaches. *Front Aging Neurosci*. 2022 Aug 11;14:979826. doi: 10.3389/fnagi.2022.979826. PMID: 36034128; PMCID: PMC9403060.

Metta V, Chaudhuri KR, **Leta V**, Mridula KR, Koduri C, Deepak S, Kalpala R, Reddy N, Chung-Faye G, Borgohain R. Real-life benefits of intrajejunal levodopa infusion therapy in four patients with the parkinsonian variant of progressive supranuclear palsy: A 1-year follow-up data report. *Brain Behav*. 2022 Sep;12(9):e2547. doi: 10.1002/brb3.2547. Epub 2022 Aug 9. PMID: 35943202; PMCID: PMC9480946.

Urso D, van Wamelen DJ, Batzu L, **Leta V**, Staunton J, Pineda-Pardo JA, Logroscino G, Sharma J, Ray Chaudhuri K. Clinical trajectories and biomarkers for weight variability in early Parkinson's disease. *NPJ Parkinsons Dis*. 2022 Aug 2;8(1):95. doi: 10.1038/s41531-022-00362-3. PMID: 35918350; PMCID: PMC9345874.

Lau YH, **Leta V**, Rukavina K, Parry M, Ann Natividad J, Metta V, Chung-Faye G, Chaudhuri KR. Tolerability of overnight rotigotine transdermal patch combined with intrajejunal levodopa infusion at 1 year: a 24-h treatment option in Parkinson's disease. *J Neural Transm (Vienna)*. 2022 Jul;129(7):889-894. doi: 10.1007/s00702-022-02506-4. Epub 2022 May 3. PMID: 35503480.

Chaudhuri KR, **Leta V**. Apomorphine infusion for improving sleep in Parkinson's disease. *Lancet Neurol*. 2022 May;21(5):395-398. doi: 10.1016/S1474-4422(22)00128-4. PMID: 35429469.

Urso D, **Leta V**, Rukavina K. Management strategies of sexual dysfunctions in Parkinson's disease. *Int Rev Neurobiol*. 2022;162:97-116. doi: 10.1016/bs.im.2021.12.004. Epub 2022 Jan 21. PMID: 35397790.

Rukavina K, Batzu L, **Leta V (co-first)**, Chaudhuri KR. New approaches to treatments for sleep, pain and autonomic failure in Parkinson's disease - Pharmacological therapies. *Neuropharmacology*. 2022 Jan 17:108959. doi: 10.1016/j.neuropharm.2022.108959. Epub ahead of print. PMID: 35051446.

Ghyselincx J, Verstrepen L, Moens F, Van Den Abbeele P, Bruggeman A, Said J, Smith B, Barker LA, Jordan C, **Leta V**, Chaudhuri KR, Basit AW, Gaisford S. Influence of probiotic bacteria on gut microbiota composition and gut wall function in an in-vitro model in patients with Parkinson's disease. *Int J Pharm X*. 2021 Jul 2;3:100087. doi: 10.1016/j.ijpx.2021.100087.

Mulroy E, **Leta V**, Zrinzo L, Foltynie T, Chaudhuri KR, Limousin P. Reply to: Subthalamic Nucleus Deep Brain Stimulation as Rescue Therapy for Levodopa Carbidopa Intestinal Gel-Associated Biphase-Like Dyskinesias. *Mov Disord Clin Pract*. 2021 Jul 19;8(7):1157-1158.

Grigoriou S, Martínez-Martin P, Ray Chaudhuri K, Rukavina K, **Leta V**, Hausbrand D, Falkenburger B, Odin P, Reichmann H. Effects of safinamide on pain in patients with fluctuating Parkinson's disease. *Brain Behav*. 2021 Oct;11(10):e2336.

Leta V, Dafsari HS, Sauerbier A, Metta V, Titova N, Timmermann L, Ashkan K, Samuel M, Pekkonen E, Odin P, Antonini A, Martinez-Martin P, Parry M, van Wamelen DJ, Ray Chaudhuri K. Personalised Advanced Therapies in Parkinson's Disease: The Role of Non-Motor Symptoms Profile. *J Pers Med*. 2021 Aug 7;11(8):773.

Leta V, Ray Chaudhuri K, Milner O, Chung-Faye G, Metta V, Pariente CM, Borsini A. Neurogenic and anti-inflammatory effects of probiotics in Parkinson's disease: A systematic review of preclinical and clinical evidence. *Brain Behav Immun*. 2021 Nov;98:59-73.

Lazcano-Ocampo C, van Wamelen D, Samuel M, Silverdale M, Rizos A, Sauerbier A, Koch J, Podlowska A, **Leta V**, Dafsari HS, Timmermann L, Ashkan K, Ray Chaudhuri K. Evaluation of the effect of bilateral subthalamic nucleus deep brain stimulation on fatigue in Parkinson's Disease as measured by the non-motor symptoms scale. *Br J Neurosurg*. 2021 Aug 6:1-4.

Metta V, Batzu L, **Leta V**, Trivedi D, Podlowska A, Mridula KR, Kukle P, Goyal V, Borgohain R, Chung-Faye G, Chaudhuri KR. Parkinson's Disease: Personalized Pathway of Care for Device-Aided Therapies (DAT) and the Role of Continuous Objective Monitoring (COM) Using Wearable Sensors. *J Pers Med*. 2021 Jul 19;11(7):680.

Urso D, **Leta V**, Batzu L, Yousaf T, Farrell C, van Wamelen DJ, Ray Chaudhuri K. Disentangling the PIGD classification for the prediction of cognitive impairment in de novo Parkinson's disease. *J Neurol*. 2021 Aug 2. doi: 10.1007/s00415-021-10730-3.

Mulroy E, **Leta V**, Zrinzo L, Foltynie T, Chaudhuri KR, Limousin P. Reply to Comment on: Successful Treatment of Levodopa/Carbidopa Intestinal Gel Associated "Biphase-Like" Dyskinesia with Pallidal Deep Brain Stimulation. *Mov Disord Clin Pract*. 2021 Apr 26;8(5):814-815.

Jost ST, Visser-Vandewalle V, Rizos A, Loehrer PA, Silverdale M, Evans J, Samuel M, Petry-Schmelzer JN, Sauerbier A, Gronostay A, Barbe MT, Fink GR, Ashkan K, Antonini A, Martinez-Martin P, Chaudhuri KR, Timmermann L, Dafsari HS; **EUROPAR and the International Parkinson and Movement Disorders Society Non-Motor Parkinson's Disease Study Group**. Non-motor predictors of

36-month quality of life after subthalamic stimulation in Parkinson disease. NPJ Parkinsons Dis. 2021 Jun 8;7(1):48. doi: 10.1038/s41531-021-00174-x. PMID: 34103534; PMCID: PMC8187358.

van Wamelen DJ, Sauerbier A, **Leta V**, Rodriguez-Blazquez C, Falup-Pecurariu C, Rodriguez-Violante M, Rizos A, Tsuboi Y, Metta V, Bhidayasiri R, Bhattacharya K, Borgohain R, Prashanth LK, Rosales R, Lewis S, Fung V, Behari M, Goyal V, Kishore A, Lloret SP, Martinez-Martin P, Chaudhuri KR. Cross-sectional analysis of the Parkinson's disease Non-motor International Longitudinal Study baseline non-motor characteristics, geographical distribution and impact on quality of life. Sci Rep. 2021 May 5;11(1):9611.

Leta V, Rodríguez-Violante M, Abundes A, Rukavina K, Teo JT, Falup-Pecurariu C, Irincu L, Rota S, Bhidayasiri R, Storch A, Odin P, Antonini A, Ray Chaudhuri K. Parkinson's Disease and Post-COVID-19 Syndrome: The Parkinson's Long-COVID Spectrum. Mov Disord. 2021 Jun;36(6):1287-1289.

Metta V, **Leta V**, Mrudula KR, Prashanth LK, Goyal V, Borgohain R, Chung-Faye G, Chaudhuri KR. Gastrointestinal dysfunction in Parkinson's disease: molecular pathology and implications of gut microbiome, probiotics, and fecal microbiota transplantation. J Neurol. 2021 Apr 21.

Leta V, Urso D, Batzu L, Weintraub D, Titova N, Aarsland D, Martinez-Martin P, Borghammer P, van Wamelen DJ, Yousaf T, Rizos A, Rodriguez-Blazquez C, Chung-Faye G, Ray Chaudhuri K. Constipation is Associated with Development of Cognitive Impairment in de novo Parkinson's Disease: A Longitudinal Analysis of Two International Cohorts. J Parkinsons Dis. 2021 Apr 2.

Mulroy E, **Leta V**, Zrinzo L, Foltynie T, Chaudhuri KR, Limousin P. Successful Treatment of Levodopa/Carbidopa Intestinal Gel Associated "Biphasic-like" Dyskinesia with Pallidal Deep Brain Stimulation. Mov Disord Clin Pract. 2021 Jan 5;8(2):273-274.

Oikonomou P, van Wamelen DJ, Weintraub D, Aarsland D, Ffytche D, Martinez-Martin P, Rodriguez-Blazquez C, **Leta V**, Borley C, Sportelli C, Trivedi D, Podlowska AM, Rukavina K, Rizos A, Lazcano-Ocampo C, Ray Chaudhuri K. Nonmotor symptom burden grading as predictor of cognitive impairment in Parkinson's disease. Brain Behav. 2021 May;11(5):e02086.

Raeder V, Boura I, **Leta V (corresponding)**, Jenner P, Reichmann H, Trenkwalder C, Klingelhöfer L, Chaudhuri KR. Rotigotine Transdermal Patch for Motor and Non-motor Parkinson's Disease: A Review of 12 Years' Clinical Experience. CNS Drugs. 2021 Feb;35(2):215-231.

Urso D, **Leta V**, Chaudhuri KR. Non-Motor Symptoms in Cervical Dystonia: A Concept in Evolution. Ann Indian Acad Neurol. 2020 Jul-Aug;23(4):428. doi: 10.4103/aian.AIAN_287_20. Epub 2020 Jul 16.

Sulzer D, Antonini A, **Leta V**, Nordvig A, Smeyne RJ, Goldman JE, Al-Dalahmah O, Zecca L, Sette A, Bubacco L, Meucci O, Moro E, Harms AS, Xu Y, Fahn S, Ray Chaudhuri K. COVID-19 and possible links with Parkinson's disease and parkinsonism: from bench to bedside. NPJ Parkinsons Dis. 2020 Aug 20;6:18.

Antonini A, **Leta V**, Teo J, Ray Chaudhuri K. Reply to: "Concerns Raised by Publication of Antonini et al., 'Outcome of Parkinson Disease Patients Affected by Covid-19'". Mov Disord. 2020 Aug;35(8):1298.

Leta V, van Wamelen DJ, Sauerbier A, Jones S, Parry M, Rizos A, Chaudhuri KR. Opicapone and Levodopa-Carbidopa Intestinal Gel Infusion: The Way Forward Towards Cost Savings for Healthcare Systems? J Parkinsons Dis. 2020;10(4):1535-1539.

van Wamelen DJ, Taddei RN, Calvano A, Titova N, **Leta V**, Shtuchniy I, Jenner P, Martinez-Martin P, Katunina E, Chaudhuri KR. Serum Uric Acid Levels and Non-Motor Symptoms in Parkinson's Disease. J Parkinsons Dis. 2020;10(3):1003-1010.

Antonini A, **Leta V**, Teo J, Chaudhuri KR. Outcome of Parkinson's Disease Patients Affected by COVID-19. Mov Disord. 2020 Jun;35(6):905-908.

Lazcano-Ocampo C, Wan YM, van Wamelen DJ, Batzu L, Boura I, Titova N, **Leta V**, Qamar M, Martinez-Martin P, Ray Chaudhuri K. Identifying and responding to fatigue and apathy in Parkinson's disease: a review of current practice. Expert Rev Neurother. 2020 May;20(5):477-495.

van Wamelen DJ, **Leta V (co-first)**, Johnson J, Ocampo CL, Podlowska AM, Rukavina K, Rizos A, Martinez-Martin P, Chaudhuri KR. Drooling in Parkinson's Disease: Prevalence and Progression from the Non-motor International Longitudinal Study. Dysphagia. 2020 Dec;35(6):955-961.

Leta V, Jenner P, Chaudhuri KR, Antonini A. Can therapeutic strategies prevent and manage dyskinesia in Parkinson's disease? An update. Expert Opin Drug Saf. 2019 Dec;18(12):1203-1218.

Leta V, van Wamelen DJ, Rukavina K, Jaakkola E, Sportelli C, Wan YM, Podlowska AM, Parry M, Metta V, Chaudhuri KR. Sweating and other thermoregulatory abnormalities in Parkinson's disease: A review. Ann Mov Disord 2019;2:39-47.

van Wamelen DJ, Hota S, Podlowska A, **Leta V**, Trivedi D, Rizos A, Parry M, Chaudhuri KR. Non-motor correlates of wrist-worn wearable sensor use in Parkinson's disease: an exploratory analysis. NPJ Parkinsons Dis. 2019 Oct 2;5:22.

Sauerbier A, Sivakumar C, Klingelhofer L, Martinez-Martin P, Perkins L, Inniss R, Rizos A, Trivedi D, **Leta V**, Wan YM, Parry M, van Wamelen D, Reichmann H, Chaudhuri KR. Restless legs syndrome - the under-recognised non-motor burden: a questionnaire-based cohort study. Postgrad Med. 2019 Sep;131(7):473-478.

Rukavina K, **Leta V (co-first)**, Sportelli C, Buhidma Y, Duty S, Malcangio M, Ray Chaudhuri K. Pain in Parkinson's disease: new concepts in pathogenesis and treatment. Curr Opin Neurol. 2019 Aug;32(4):579-588.

van Wamelen DJ, **Leta V**, Podlowska AM, Wan YM, Krbot K, Jaakkola E, Martinez-Martin P, Rizos A, Parry M, Metta V, Ray Chaudhuri K. Exploring hyperhidrosis and related thermoregulatory symptoms as a possible clinical identifier for the dysautonomic subtype of Parkinson's disease. J Neurol. 2019 Jul;266(7):1736-1742.

van Wamelen DJ, Podlowska AM, **Leta V**, Śmiałowska K, Rizos A, Martinez-Martin P, Bloem BR, Chaudhuri KR. Slave to the rhythm: Seasonal differences in non-motor symptoms in Parkinson's disease. Parkinsonism Relat Disord. 2019 Jun;63:73-76.

Cova I, **Leta V**, Mariani C, Pantoni L, Pomati S. Exploring cocoa properties: is theobromine a cognitive modulator? Psychopharmacology (Berl). 2019 Feb;236(2):561-572.

Invernizzi A, Acquistapace A, Bochicchio S, Resnati C, Rusconi S, Ferrari M, **Leta V**, Pomati S, Klistorner A, Mccluskey P, Staurengi G, Riva A. Correlation between inner retinal layer thickness and cognitive function in HIV: new insights from an exploratory study. AIDS. 2018 Jul 17;32(11):1485-1490.

Donadio V, Liguori R, Vandi S, Pizza F, Dauvilliers Y, **Leta V**, Giannoccaro MP, Baruzzi A, Plazzi G. Lower wake resting sympathetic and cardiovascular activities in narcolepsy with cataplexy. Neurology. 2014 Sep 16;83(12):1080-6.

Donadio V, Incensi A, **Leta V**, Giannoccaro MP, Scaglione C, Martinelli P, Capellari S, Avoni P, Baruzzi A, Liguori R. Skin nerve α -synuclein deposits: a biomarker for idiopathic Parkinson disease. Neurology. 2014 Apr 15;82(15):1362-9.

Donadio V, Liguori R, Vandi S, Giannoccaro MP, Pizza F, **Leta V**, Plazzi G. Sympathetic and cardiovascular changes during sleep in narcolepsy with cataplexy patients. Sleep Med. 2014 Mar;15(3):315-21.

Di Vito L, de Biase D, Pession A, Visani M, Liguori R, Zambito Marsala S, **Leta V**, De Carolis P, Donadio V. Brachial amyotrophic diplegia associated with the α 140a superoxide dismutase 1 mutation. Neurogenetics. 2013 Nov;14(3-4):255-6.

CAPITOLI DI LIBRI:

Leta V, Raeder V, Ray Chaudhuri K. Chapter Two - General approach to patients with autonomic dysfunction in Parkinson's disease. In: Falup-Pecurariu C, ed. International Review of Movement Disorders. Vol 1. Academic Press; 2021:19-39.

Van Wamelen DJ, **Leta V**, Ray Chaudhuri K, Storch A. Non-motor fluctuations in Parkinson's disease. Parkinson's Disease and Movement Disorders, PDMDs. 2020

Van Wamelen DJ, **Leta V**, Ray Chaudhuri K. Parkinson's disease: an overview of the non-motor syndrome. GALVEZ-JIMENEZ et al: Non-Motor Parkinson's Disease. 2020

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