

CURRICULUM VITAE

Personal Information

Surname: Antelmi
First name: Elena
Nationality: Italian
Date, month and year of birth: 5th February 1981
Department/Institution:

Department of engineering and medicine of innovation, University of Verona, Italy

e-mail: elenaantelmi@gmail.com; elena.antelmi@univr.it

CURRENT POSITION

1. **PROFESSOR OF NEUROLOGY, UNIVERSITY OF VERONA, DIMI**, Department of engineering and medicine of innovation, University of Verona, Italy
2. **CLINICAL ACTIVITY (INPATIENTS AND OUTPATIENTS CLINICS OF SLEEP MEDICINE, SLEEP RELATED MOVEMENT DISORDERS AND MOVEMENT DISORDERS) AT UNIVERSITY OF VERONA, AZIENDA OSPEDALIERA INTEGRATA, OSPEDALE BORGO ROMA, USD PARKINSON DISEASE AND MOVEMENT DISORDERS**
3. **SERVICE OF POLYSOMNOGRAPHY FOR THE STUDY OF SLEEP DISORDERS**

PAST POSITIONS

1. **RESEARCHER WITH FIXED TERM SENIOR– RTB- AT THE UNIVERSITY OF VERONA**, Department of Neuroscience, Biomedicine, and Movement Sciences
2. **RESEARCHER WITH FIXED TERM JUNIOR – RTA- AT THE UNIVERSITY OF BOLOGNA, DPT OF BIOMEDICAL AND NEUROMOTOR SCIENCES, BOLOGNA**
3. **CLINICAL ACTIVITY (OUTPATIENTS CLINICS OF SLEEP MEDICINE, SLEEP RELATED MOVEMENT DISORDERS AND SLEEP LABORATORY ACTIVITY) AT IRCSS, INSTITUTE OF NEUROLOGICAL SCIENCES, BOLOGNA**
4. **CONSULTANT AT MONTECATONE INSTITUTE, IMOLA, ITALY**

EDUCATION

July 2007: Degree in Medicine, University of Bologna, with maximum marks (110/110 cum laude) and thesis on: Association of Restless Legs Syndrome and Nocturnal Eating: a case-control study; Supervisor: Prof Pasquale Montagna - Professor of Neurology- University of Bologna

February **2008:** licence to practise, with maximum marks (270/270)

July 2007-June 2009: Fellow at the Laboratory of Polysomnography, Department of Neurological Sciences, Clinica Neurologica, University of Bologna; Supervisor: Prof P. Montagna - Professor of Neurology, University of Bologna

June 2009-June 2014: Postgraduate School of Neurology, University of Bologna. Chief of the School: Prof P. Tinuper, Professor of Neurology, University of Bologna

May 2013-July 2013→ Department to department programme sponsored by the European Federation of the Neurological Societies (EFNS), at Prof JC Rothwell's (Professor of Human Neurophysiology) Labs of Transcranial Magnetic Stimulation, University College London, Sobell Department of Motor Neurosciences and Movement Disorders, 33 Queen Square, London UK

November 2013 - March 2014→ Observer at Sobell Department of Motor Neurosciences and Movement Disorders, UCL, London UK. Supervisor: Prof K. Bhatia, Professor of Neurology, UCL

March 2014- December 2015→ Honorary Clinical Assistant and Research Fellow to Prof K. Bhatia at Sobell Department of Motor Neurosciences and Movement Disorders, UCL, London UK.

Researches focused on the neurophysiology of dystonia

Clinical activity: outpatients' clinic of movement disorders and botulinum toxin injections

July 2014: Degree in Neurology with maximum marks cum laude and thesis on: "Sensorimotor modulation induced by repetitive sensory stimulation in patients with segmental dystonia": a neurophysiological study carried on the UCL in Professor J. Rothwell's labs and under the supervision of Prof. K. Bhatia and Prof R. Liguori.

Supervisor: Prof R. Liguori - Professor of Neurology, DIBINEM, University of Bologna

January 2014-December 2016: attending the PhD in Scienze Mediche Specialistiche with the project: "The neurophysiology of dystonia: from the impaired inhibition to the modulation of muscle activity during sleep" at the Department of "Scienze Mediche e Chirurgiche, University of Bologna", Supervisor: Prof R. Liguori - Professor of Neurology- DIBINEM, University of Bologna.

Two years of the PhD have been spent abroad: UCL, Sobell Dpt, Supervisor: Prof K. Bhatia.

May 2017: final exam of the PhD in Scienze Mediche Specialistiche and discussion of the thesis on "Idiopathic Isolated Focal Dystonia: from Impaired Inhibition to Modulation of Dystonic Activity during Sleep". Tutor: Prof R. Liguori - Professor of Neurology- DIBINEM, University of Bologna, Bologna, Italy. The Committee gave the final evaluation of "excellence" to the thesis.

RESEARCH FELLOW AT THE DEPARTMENT ON BIOMEDICAL AND NEUROMOTOR SCIENCES (DIBINEM):

January 2017- December 2017: research fellow at the DIBINEM with the project "Disturbo del comportamento del sonno REM (RBD) idiopatico e marcatori precoci di neurodegenerazione". Tutor: Prof R. Liguori, Professor of Neurology, University of Bologna

FIELDS OF INTEREST

Sleep Medicine (sleep-related movement disorders) and Movement Disorders/Neurodegenerative Disorders.

RELEVANT SCIENTIFIC TECHNIQUES AND SKILLS ACQUIRED

Clinical neurophysiology and mainly regarding evaluation of sleep disorders and movement's disorder sleep-related (**polysomnography and polygraphic recordings, transcranial magnetic stimulation – TMS**). Practice in performing skin biopsy and in botulinum toxin injections.

LANGUAGES:

Mother tongue: Italian;

English: fluent/excellent command/highly proficient in spoken and written English;

French: basic communication skills

TEACHING ACTIVITY

2015: giving teaching courses for medical students (ungraduated) at the UCL, London, UK.

2017-2018: Professor of neurology for the course of “speech therapist”, University of Bologna

2017-2018: Professor of neurology for the course of “neurophysiopathology”, University of Bologna

2019-current Professor of neurology for the university course of “motor science”, University of Verona

2020-current: part of committee for the PhD in Neuroscienze, Scienze Psicologiche e Psichiatriche, e Scienze del Movimento, University of Verona

2020-ongoing: teaching activity for the residents of neurology, University of Verona

2023: 2 thesis of academic degree in "Motor Sciences"; one thesis in neurology

2020-2024: one PhD student tutor

2024: 2 thesis of academic degree in "Neurology"

2020-2024: tutor of 15 trainees in neurology

University of Verona, Verona, Italy

March 2014-December 2015: outpatients clinics of Movement Disorders and of Botulinum Toxin Injections at the Sobell's Department, UCL, London as honorary clinical assistant to Prof. K. Bhatia, Professor of Neurology.

Invited talk at international conferences

9th INTERNATIONAL RBD STUDY GROUP MEETING, Fort Lauderdale, 2015

10th IRBD study group meeting, Ravenna 2016

3rd EAN conference, Amsterdam, 2017

11th IRBD Study Group Meeting, Prague, 2017

American Academy of Neurology "INVITED SCIENCE", Los Angeles, 2018

7th International Symposium on Narcolepsy, Beverly MA, 2018

12th International RBD Study Group Meeting, Copenhagen, DN, 2019

8th International Movement Disorder Teaching Course, Poiana Brasov, 2019

13th International REM sleep behavior Study Group, Copenhagen, 2019

14thIRBD study group conference, online 2020

Webinar Series on RBD - of the American Academy of Sleep Medicine (AASM), online 2021

15th IRBD study group meeting, Ravenna 2022 (local organizer and co-chair of the meeting)

8th EAN Congress Europe 2022 25-28 June Vienna

26th Congress of the European Sleep Research Society in Athens, Greece 27 – 30 September 2022

XXXII Congresso nazionale AIMS Forlì, 15-17 September 2022

52° Congresso nazionale SIN 3-6 December 2022 Milan

XXXIII Congresso nazionale AIMS Milano, 24-26 November, Aspetti sensitivi della RLS possibili implicazioni terapeutiche

16th IRBD study group meeting, Montreal 8-10 June 2023: Biomarkers for progression/monitoring

XXXV Congresso nazionale AIMS Pisa, 29-1 December, Disturbi del movimento e sonno: esplorando le vie biologiche e le implicazioni cliniche

RBDSG Annual Meeting, June 19th-21st 2024, St Hilda's College, Oxford University, 20th June How to diagnose RBD

27th congress of the European Research Society, Seville 24-27 September 2024, 26th September Sleep and atypical parkinsonism

10o Congresso della Società Nazionale Parkinson e disordini del movimento, 10-12th April Milan, 10th April, Sindrome delle gambe senza riposo

54° Congresso nazionale SIN , 9-12 November 2024, I disturbi motori correlati al sonno, 9 November Rome

Peer reviewer for Movement Disorder Clinical Practice, General Hospital Psychiatry, Journal of Neurological Sciences, Sleep Medicine; Journal of Parkinsonism and Related Disorder, Sleep.

Faculty for several national and international conferences

GRANTS OR AWARDS

- June 2012: grant for participating at the Summer School on Movement Disorders sponsored by the Movement Disorder Society
- January 2013: Grant "EFNS Department to Department Programme" established by the European Federation of Neurological Societies. The project has been carried on in the labs of Professor J. Rothwell at the UCL, London, UK.
- November, the 2nd, Milan **2013: Award/Grant by "ARD; Associazione Italiana per la Ricerca sulla Distonia"** for the best national scientific contribution on dystonia in 2013
- **SHORT-TERM SCIENTIFIC MISSIONS EAN 2014/2015** from the University of Bologna to the Sobell Department, London, UK sponsored by COST foundation
- "Marco Polo" project, 2015, for short scientific mission at the Sobell Department, UCL, London
- 2015: Awarded with the **EAN Scientific Fellowship 2015** with the research project "Sensorimotor modulation in dystonia induced by low frequency (@1HZ) repetitive tactile stimulation, carried on at the Sobell Department of Motor Neuroscience and MD, Clinical Neurology, UCL, Queen Square, London, UK, chaired by Professor Kailash Bhatia for the duration of 12 months.
- September 2016: shortlisted for the best scientific contribution in sleep research at the **European Sleep Research Society** annual meeting, with the poster: "Modulation of dystonia during sleep". E. Antelmi, R. Ferri, F. Provini, C. Scaglione, F. Mignani, G. Plazzi, P. Martinelli, R. Liguori.
- **Blue Ribbon Highlights** session at the International Parkinson and Movement Disorder Society's 21st International Congress of Parkinson's Disease and **Movement Disorders on June 4 - 8, 2017** in Vancouver, BC, Canada. The following poster *Skin nerve phosphorylated α -synuclein deposits in idiopathic REM sleep behavior disorder* featured as part of the Blue Ribbon Highlights session.
- 3°Congresso Accademia LIMPE-DISMOV; Best oral talk with "Depositi di alfa-sinucleina fosforilata a livello cutaneo nei pazienti con disturbo del comportamento in sonno REM idiopatico" Verona, 17/19 May 2017
- **Investigator Award 2017** at the 3rd conference of the European Academy of Neurology (Amsterdam, June 24-27, 2017)
- Invited Sciences at the **American Accademy of Neurology in Los Angeles**, April 2018, for talk on *Skin nerve phosphorylated α -synuclein deposits in idiopathic REM sleep behavior disorder*
- Grant "**Giovani Ricercatori Ricerca Finalizzata 2018**": Grant a **Principal Investigator** with the project "GR-2018-12367485 "A randomized controlled trial on rehabilitation training with a robotic anthropomorphic exoskeleton in patients with motor incomplete spinal cord injury: clinical outcomes and cortical" 450.000 euro
- **Brain research foundation 2018** grant for research on sleep impairment in PD 12.000 euro
- **2021: Segala grant** sponsored by Italian Society of Neurology (SIN) 50.000 euro for the research in Parkinson Disease 50.000 euro
- **Brain research foundation 2022** grant for research on digital cognitive and behavioral

therapy for insomnia

Scientific Societies:

2013- 2020 International Movement Disorder Society

2014- ongoing Accademia Limpe-DISMOV

2014- ongoing International RBD study group

2015- ongoing AIMS, Associazione italiana di Medicina del sonno

2020-2022 SINC Società italiana di neurofisiologia

2021-current SIN Italian Society of Neurology

2024- current EAN European academy of Neurology

2022-ongoing: Member of the scientific board of the AIMS

2022-2024: elected treasurer of the international RBD study group

2024-ongoing: treasurer of the international RBD study group

2024: member of the EAN panel for sleep and wake disorders

INTERNATIONAL COURSES OR SUMMER SCHOOLS

5th Migrating Course on Epilepsy sponsored by ILAE. May 29- June 4 2011, Rome, Italy

5th Annual MDS-ES Summer School for Young Neurologists. July 6-8 2012 Paris, France

MDS Botulinum Toxin Training in Neurological Practice. 29 - 30 November, 2012 Rome, Italy.

Chapters in

REM sleep behavior disorder textbook Springer 2019

Sleep Medicine Textbook of the European Sleep Research Society second edition 2021

Manuale di Neurologia Clinica Edizioni Idelson Gnocchi edition 2021

Trattamento della malattia di Parkinson nel terzo millennio Edizione Minerva Medica 2022

Author of more the 140 articles in international peer-reviewed journals

<https://orcid.org/0000-0003-1739-6139> (ORCID ID)

25638550600 (Scopus ID)→ HI 33; 4080 citations (last update January 2025)

LIST OF PUBLICATIONS (CHRONOLOGICAL ORDER)

1. Grimaldi D, Provini F, Vetrugno R, **Antelmi E**, Donadio V, Liguori R, Pierangeli G, Cortelli P, Montagna P. Idiopathic central sleep apnoea syndrome treated with zolpidem. **Neurol Sci** **2008**;29(5):355-7.
2. Vetrugno R, Franceschini C, D'Angelo R, **Antelmi E**, Moghadam KK, Montagna P, Vicini C, Plazzi G. Psychogenic nocturnal stridor in a child: a case report. **Mov Disord** **2009**;24(3):469-71.
3. Provini F, **Antelmi E**, Vignatelli L, Zaniboni A, Naldi G, Calandra-Buonaura G, Vetrugno R, Plazzi G, Montagna P. Association of restless legs syndrome with nocturnal eating: a case-control study. **Mov Disord** **2009**;24(6):871-7.
4. Vetrugno R, Vella A, Mascalchi M, Alessandria M, D'Angelo R, Gallassi R, Della Nave R, Ginestrone A, **Antelmi E**, Montagna P. Peduncular hallucinosis: a polysomnographic and spect study of a patient and efficacy of serotonergic therapy. **Sleep Med** **2009**;10(10):1158-60.

5. Vetrugno R, Alessandria M, D'Angelo R, Concetti A, Lopane G, **Antelmi E**, Montagna P. "Phantom" restless legs syndrome. **JNNP** 2010;81(1):122-3.
6. Provini F, **Antelmi E**, Vignatelli L, Zaniboni A, Naldi G, Calandra-Buonaura G, Vetrugno R, Plazzi G, Pizza F, Montagna P. Increased prevalence of nocturnal smoking in restless legs syndrome (RLS). **Sleep Med** 2010;11(2):218-20.
7. Plazzi G, Ferri R, **Antelmi E**, Bayard S, Franceschini C, Cosentino FI, Abril B, Spruyt K, Provini F, Montagna P, Dauvilliers Y. Restless legs syndrome is frequent in narcolepsy with cataplexy patients. **Sleep** 2010;33(5):689-94.
8. Palaia V, Poli F, Pizza F, **Antelmi E**, Franceschini C, Kaveh Moghadam K, Provini F, Pagotto U, Montagna P, Schenck CH, Mignon E, Plazzi G. Narcolepsy with Cataplexy Associated with Nocturnal Compulsive Behaviors: A Case-Control Study. **Sleep** 2011;35:1365-71.
9. Pizza F, Vetrugno R, **Antelmi E**, Pierangeli G, Montagna P, Cortelli P. Narcoleptic-like hypersomnia and inverted circadian rhythm of body core temperature after traumatic brain injury involving the hypothalamus. **Sleep Med** 2011;12:1044-5.
10. **Antelmi E**, Mastrangelo M, Bisulli F, Spaccini L, Stipa C, Mostacci B, Mei D, Guerrini R, Tinuper P. Semiological study of ictal affective behaviour in epilepsy and mental retardation limited to females (EFMR). **Epileptic Disord** 2012;14(3):304-9.
11. Giannocaro MP, **Antelmi E**, Plazzi G. Sleep and movement disorders. **Curr Opin Neurol** 2013;26:428-34.
12. **Antelmi E**, Coccagna G, Marelli S, Ferini-Strambi L, Provini F. "Restless bladder" and the boundaries of the restless legs syndrome. **Eur J Neurol** 2013; 20: 138.
13. Vetrugno R, Fabbri M, **Antelmi E**, D'angelo R, Rinaldi R. Orthostatic Tremor heralding the onset of Stiff-Person Syndrome. **Neurology** 2013;81:1361-2.
14. **Antelmi E**, Fabbri M, Cretella L, Guarino M, Stracciari A. Bipolar Disorder due to a lacunar state. **Behav Neurol** 2014; 2014:780742.
15. **Antelmi E**, Vinai P, Pizza F, Marcatelli M, Speciale M, Provini F. Nocturnal eating is part of the clinical spectrum of RLS and an underestimated risk factor for an increased body mass index. **Sleep Med** 2014;15(2):168-72.
16. Fabbri M, Superbo M, Defazio G, Scaglione CL, **Antelmi E**, Basini G, Nasseti S, Pizza F, Plasmati R, Liguori R. Quality of life in patients with craniocervical dystonia: Italian validation of the "Cervical Dystonia Impact Profile (CDIP-58)" and the "Craniocervical Dystonia Questionnaire (CDQ-24)". **Neurol Sci** 2014;35(7):1053-8.
17. Erro R, Stamelou M, Saifee TA, Ganos C, **Antelmi E**, Balint B, Cordivari C, Bhatia KP. Facial tremor in dystonia. **Park Relat Disord** 2014;20(8):924-5.
18. **Antelmi E**, Rizzo G, Fabbri M, et al. Arylsulphatase A activity in familial parkinsonism: a pathogenetic role? **J Neurol** 2014;261(9):1803-9.
19. Simone Baiardi, **Elena Antelmi**, Marco Filardi, et al. Remitting tics and narcolepsy overlap associated with streptococcal infection: a case report. **MDCP** 2014;4:374-6.
20. **Antelmi E**, Provini F. Propriospinal Myoclonus: The spectrum of clinical and neurophysiological phenotypes. **Sleep Med Rev** 2014 2015;22:54-63.
21. Erro R, **Antelmi E**, Bhatia K. 'A Disorder Which Occurs on Standing': The Earliest Account of Orthostatic Tremor by Pazzaglia. **MDCP** 2015;2:39-40.
22. Vinai P, Provini F, **Antelmi E**, et al. Alexithymia is not related to severity of night eating behavior: A useful distinction from other eating disorders. **Eat Behav** 2015;17:94-8.
23. Marconi S, Scarlatti F, Rizzo G, **Antelmi E**, Innamorati M, Pompili M, Brugnoli R, Belvederi Murri M, Amore M, Provini F. Is nocturnal eating in restless legs syndrome linked to a specific psychopathological profile? A pilot study. **J Neural Transm.** 2015;122(11):1563-71.
24. **Antelmi E**, Erro R, Pisani A, Mencacci N, Bhatia KP. Persistent chorea in DYT6, due to anticholinergic therapy. **Park Relat Disord.** 2015;21(10):1282-3.
25. **Antelmi E**, Stamelou M, Liguori R, Kailash B. Non motor symptoms in dopa responsive dystonia. **MDCP** 2015;2:347-56
26. Batla A, Sánchez MC, Erro R, Ganos C, Stamelou M, Balint B, Brugger F, **Antelmi E**, Bhatia KP.

The role of cerebellum in patients with late onset cervical/segmental dystonia?-Evidence from the clinic. **Park Relat Disord** **2015**; 21(11):1317-22.

27. Ganos C, Maugest L, Apartis E, Gasca-Salas C, Cáceres-Redondo MT, Erro R, Navalpotro-Gómez I, Batla A, **Antelmi E**, et al. The long-term outcome of orthostatic tremor. **JNNP** **2016**; 87:167-72.

28. Antelmi E, Plazzi G, Erro R, Tinuper P, Balint B, Liguori R, Bhatia KP. Intermittent head drops: the differential spectrum. **JNNP** **2016**;87(4):414-9.

29. Erro R, Rocchi L, **Antelmi E**, Palladino R, Tinazzi M, Rothwell J, Bhatia KP. High frequency repetitive sensory stimulation improves temporal discrimination in healthy subjects. **Clin Neurophysiol** **2016**;127(1):817-20.

30. Antelmi E, S. Vandi, F. Pizza, R. Liguori, G. Plazzi. Parkinsonian tremor persisting during cataplexy. **Sleep Med** **2016**;17:174-6.

30. Antelmi E, Ferri R, Iranzo A, Arnulf I, Dauvilliers Y, Bhatia KP, Liguori R, Schenck CH, Plazzi G. From state dissociation to status dissociatus. **Sleep Med Rev** **2016**;28:5-17.

32. Brugger F, Balint B, **Antelmi E**, Bhatia K. Hypomyelination with atrophy of the basal ganglia and cerebellum (H-ABC) is a differential diagnosis for pallidopyramidal syndromes with thin corpus callosum". **MDCP** **2016** in press

33. Antelmi E, Di Stasio F, Rocchi L, Erro R, Ganos C, Brugger F, Teo J, Liguori R, Berardelli A, Rothwell J, Bhatia KP. Impaired Eye Blink Classical conditioning distinguishes dystonic patients with and without tremor. **Park Relat Disord** **2016**;31:23-27.

34. Antelmi E, Erro R, Rocchi L, et al. Neurophysiological correlates of abnormal somatosensory temporal discrimination in dystonia. **Mov Disord.** **2016** 32(1):141-148. **35.** Erro R, Hirschbichler ST, Ricciardi L, Ryterska A, **Antelmi E**, et al. Mental rotation and working memory in musicians' dystonia. **Brain Cogn.** **2016** Sep 28;109:124-129.

36. Balint B, Erro R, Brugger F, Jha A, Batla A, Ganos C, **Antelmi E**, Bhatia KP. Conjugal Parkinson's disease - Real or chance? **Park Relat Disord.** **2016** 33:146-148.

37. Zin Gan-Or; Jacques Montplaisir; Jay Ross; Judes Poirier; Simon Warby; Isabelle Arnulf; Stephanie Strong; Yves Dauvilliers; Claire Leblond; Michele Hu; Birgit Hogg; Ambra Stefani; Christelle Monaca; Valerie Cochen De Cock; Michel Boivin; Luigi Ferini-Strambi; Giuseppe Plazzi; **Elena Antelmi**; Peter Young; Anne Heidebreder; Thomas Barber ; Samuel Evetts ; Michal Rolinski; Patrick Dion; Alex Desautels; Jean-François Gagnon; Nicolas Dupre; Ronald Postuma; Guy Rouleau The dementia-associated APOE ε4 allele is not associated with REM sleep behavior disorder. **Neurob. of Aging** **2017** 49:218.e13-218.e15.

38. Arnaldi D, **Antelmi E**, St Louis E, Postuma R, Arnulf I. Idiopathic REM sleep behavior disorder and neurodegenerative risk: to tell or not to tell to the patient? How to minimize the risk?" **Sleep Med Rev** **2017** pii: S1087-0792(16)30131-9.

39. Antelmi E, Donadio V, Incensi A, Plazzi G, Liguori R. Skin nerve phosphorylated α-synuclein deposits in idiopathic REM sleep behavior disorder: preliminary findings. **Neurology** **2017** 88(22):2128-2131.

41. Antelmi E, Pizza F, Vandi S, et al. The spectrum of rapid-eye-movement sleep related episodes in children with type 1 Narcolepsy. **Brain** **2017**;140(6):1669-1679.

42. Rocchi L, Erro R, **Antelmi E**, et al. High frequency somatosensory stimulation increases sensori-motor inhibition and leads to perceptual improvement in healthy subjects. **Clin Neurophys** **2017** 128(6):1015-1025.

43. E. Antelmi E, Plazzi G. Head Drops: electromyography may give the way. **Sleep Med** **2017** 33:68-69.

44. Antelmi E, Ferri R, Provini F, et al. Modulation of the muscle activity during sleep in cervical dystonia. **Sleep** **2017**;40(7).

45. Postiglione E, **Antelmi E**, Pizza F, et al. The clinical spectrum of childhood narcolepsy. **Sleep Med Rev** **2017**; S1087-0792: 30012-6.

46. Antelmi E, Pizza F, Vandi S, Plazzi G. Stereotyped episodes of aphasia and motionless: how cataplexy mimics stroke in an elderly patient. **Sleep Med** **2017**; 36:122-124.

48. A. Govi, **E. Antelmi**, F. Pizza, et al. Narcolepsy features in young patients. **JPB** **2017** in press doi: :<http://doi.org/10.1055/5-0037-1602258> I
49. Filardi M, Pizza F, Tonetti L, **Antelmi E**, Natale V, Plazzi G. Attention impairments and ADHD symptoms in adult narcoleptic patients with and without hypocretin deficiency. **PLoS One.** **2017** Aug 1;12(8):e0182085. doi: 10.1371/journal.pone.0182085. eCollection 2017.
50. Ferri L, Filardi M, Moresco M, Pizza F, Vandi S, **Antelmi E**, Toni F, Zucchelli M, Pierangeli G, Plazzi G. Non-24-Hour Sleep-Wake Rhythm Disorder and Melatonin Secretion Impairment in a Patient With Pineal Cyst. **J Clin Sleep Med.** **2017** Oct 4. pii: jc-17-00233.
51. Vandi S, Pizza F, Antelmi E, Neccia G, Ilti M, Mazzoni A, Avoni P, Plazzi P. A standardized test to document cataplexy. **Sleep Med** **2017** in press doi.org/10.1016/j.sleep.2017.08.021
52. Pizza F, **Antelmi E**, Vandi S, Meletti S, Erro R, Baumann CR, Bhatia KP, Dauvilliers Y, Edwards MJ, Iranzo A, Overeem S, Tinazzi M, Liguori R, Plazzi G. The distinguishing motor features of cataplexy: a study from video-recorded attacks. **Sleep.** **2018** May 1;41(5).
53. Mioč M, **Antelmi E**, Filardi M, Pizza F, Ingravalle F, Nobili L, Tassinari CA, Schenck CH, Plazzi G. Sexsomnia: a diagnostic challenge, a case report. **Sleep Med.** **2018** Mar;43:1-3. doi: 10.1016/j.sleep.2017.11.1120.
54. Moresco M, Pizza F, **Antelmi E**, Plazzi G. Sodium Oxybate treatment in pediatric type 1 narcolepsy. **Curr Drug Metab.** 2018 Mar 5. doi:10.2174/1389200219666180305153134.
55. Filardi M, Pizza F, **Antelmi E**, Ferri R, Natale V, Plazzi G. In-field assessment of sodium oxybate effect in pediatric type 1 narcolepsy: an actigraphic study. **Sleep.** **2018** Jun 1;41(6).
56. Moresco M, Lecciso M, Ocadlikova D, Filardi M, Melzi S, Kornum BR, **Antelmi E**, Pizza F, Mignot E, Curti A, Plazzi G. Flow cytometry analysis of T-cell subsets in cerebrospinal fluid of narcolepsy type 1 patients with long-lasting disease. **Sleep Med.** **2018** Apr;44:53-60. doi: 10.1016/j.sleep.2017.11.1150.
57. Ouled Amar Bencheikh B, Ruskey JA, Arnulf I, Dauvilliers Y, Monaca CC, De Cock VC, Gagnon JF, Spiegelman D, Hu MTM, Högl B, Stefani A, Ferini-Strambi L, Plazzi G, **Antelmi E**, Young P, Heidbreder A, Mollenhauer B, Sixel-Döring F, Trenkwalder C, Oertel W, Montplaisir JY, Postuma RB, Rouleau GA, Gan-Or Z. LRRK2 protective haplotype and full sequencing study in REM sleep behavior disorder. **Parkinsonism Relat Disord.** **2018** Jul;52:98-101. doi: 10.1016/j.parkreldis.2018.03.019.
58. Postiglione E, **Antelmi E**, Moresco M, Pichini S, Pizza F, Plazzi G, Busardò FP. Segmental Hair Testing of Triazolam to Unmask a Suspected Case of Idiopathic Recurrent Stupor. **J Clin Sleep Med.** 2018 Apr 15;14(4):697-699. doi: 10.5664/jcsm.7078.
59. **Antelmi E**, Rocchi L, Cocco A, Erro R, Latorre A, Liguori R, Plazzi G, Berardelli A, Rothwell J, Bhatia KP. Cerebellar and brainstem functional abnormalities in patients with primary orthostatic tremor. **Mov Disord.** **2018** Jul;33(6):1024-1025. doi: 10.1002/mds.27331.
60. Balint B, **Antelmi E**, Mencacci NE, Batla A, Eriksson SH, Walker MC, Bronstein AM, Bhatia KP. Oculomotor apraxia and disrupted sleep with nocturnal ballistic bouts in ADCY5-related disease. **Parkinsonism Relat Disord.** **2018** Apr 10. pii: S1353-8020(18)30156-1. doi: 10.1016/j.parkreldis.2018.04.011.
61. Barateau L, Pizza F, Lopez R, **Antelmi E**, Plazzi G, Dauvilliers Y. Persistence of deep-tendon reflexes during partial cataplexy. **Sleep Med.** **2018** May;45:80-82. doi: 10.1016/j.sleep.2017.12.011.
62. Li J, Ruskey JA, Arnulf I, Dauvilliers Y, Hu MTM, Högl B, Leblond CS, Zhou S, Ambalavanan A, Ross JP, Bourassa CV, Spiegelman D, Laurent SB, Stefani A, Charley Monaca C, Cochen De Cock V, Boivin M, Ferini-Strambi L, Plazzi G, **Antelmi E**, Young P, Heidbreder A, Labbe C, Ferman TJ, Dion PA, Fan D, Desautels A, Gagnon JF, Dupré N, Fon EA, Montplaisir JY, Boeve BF, Postuma RB, Rouleau GA, Ross OA, Gan-Or Z. Full sequencing and haplotype analysis of MAPT in Parkinson's disease and rapid eye movement sleep behavior disorder. **Mov Disord.** **2018** Jul;33(6):1016-1020. doi: 10.1002/mds.27385.
63. **Antelmi E**, Plazzi G, Pizza F, Vandi S, Aricò D, Ferri R. Impact of acute

- administration of sodium oxybate on heart rate variability in children with type 1 narcolepsy. **Sleep Med.** **2018** Jul;47:1-6. doi: 10.1016/j.sleep.2018.03.020
- 64.** Bartolini I, Pizza F, Di Luzio A, Neccia G, **Antelmi E**, Vandi S, Plazzi G. Automatic detection of cataplexy. **Sleep Med.** **2018** Dec;52:7-13.
- 65.** Zhang Z, Mayer G, Dauvilliers Y, Plazzi G, Pizza F, Fronczek R, Santamaria J, Partinen M, Overeem S, Peraïta-Adrados R, da Silva AM, Sonka K, Rio-Villegas RD, Heinzer R, Wierzbicka A, Young P, Högl B, Bassetti CL, Manconi M, Feketeova E, Mathis J, Paiva T, Canellas F, Lecendreux M, Baumann CR, Barateau L, Pesenti C, **Antelmi E**, Gaig C, Iranzo A, Lillo-Triguero L, Medrano-Martínez P, Haba-Rubio J, Gorban C, Luca G, Lammers GJ, Khatami R. Exploring the clinical features of narcolepsy type 1 versus narcolepsy type 2 from European Narcolepsy Network database with machine learning. **Sci Rep.** **2018** Jul 13;8(1):10628. doi: 10.1038/s41598-018-28840-w.
- 66.** Filardi M, Pizza F, **Antelmi E**, Pillastrini P, Natale V, Plazzi G. Physical Activity and Sleep/Wake Behavior, Anthropometric, and Metabolic Profile in Pediatric Narcolepsy Type 1. **Front Neurol.** **2018** Aug 24;9:707.
- 67.** Stefania Mondello, Firas Kobeissy, Yehia Mechref, Jingfu Zhao, Farid R Talih, Filomena Cosentino, **Elena Antelmi**, Monica Moresco, Giuseppe Plazzi, and Raffaele Ferri. Novel Biomarker Signatures for Idiopathic REM Sleep Behavior Disorder: a Proteomic and System Biology Approach. **Neurology** **2018** Oct 30;91(18):e1710-e1715.
- 68.** M. Vitiello, **E. Antelmi**, E. Postiglione, et al. Type 1 Narcolepsy in anti-Hu antibodies mediated encephalitis: a case report. **Sleep Med** **2018**;52:23-25. 68.
- 69.** Erro R, Rocchi L, **Antelmi E**, Liguori R, Tinazzi M, Berardelli A, Rothwell J, Bhatia KP. High frequency somatosensory stimulation in dystonia: Evidence for defective inhibitory plasticity. **Mov Disord.** **2018** Dec;33(12):1902-1909.
- 70.** Stephansen JB, Olesen AN, Olsen M, Ambati A, Leary EB, Moore HE, Carrillo O, Lin L, Han F, Yan H, Sun YL, Dauvilliers Y, Scholz S, Barateau L, Hogl B, Stefani A, Hong SC, Kim TW, Pizza F, Plazzi G, Vandi S, **Antelmi E**, Perrin D, Kuna ST, Schweitzer PK, Kushida C, Peppard PE, Sorensen HBD, Jennum P, Mignot E. Neural network analysis of sleep stages enables efficient diagnosis of narcolepsy. **Nat Commun.** **2018** Dec 6;9(1):5229.
- 71.** Vignatelli L, **Antelmi E**, Ceretelli I, Bellini M, Carta C, Cortelli P, Ferini-Strambi L, Ferri R, Guerrini R, Ingravalle F, Marchiani V, Mari F, Pieroni G, Pizza F, Verga MC, Verrillo E, Taruscio D, Plazzi G. Red Flags for early referral of people with symptoms suggestive of narcolepsy: a report from a national multidisciplinary panel. **Neurol Sci.** **2018** Dec 12. doi: 10.1007/s10072-018-3666-x.
- 72.** Postuma R, Iranzo A, Hu M, Hogl B, Boeve B, Manni R, Oertel W, Arnulf I, Ferini-Strambi L, Puligheddu M, **Antelmi E**, et al., and the International REM sleep Behavior Disorder Study Group Risk and Predictors of Dementia and Parkinsonism in Idiopathic REM sleep Behavior Disorder: A multicenter study. **Brain** **2019**;142(3):744-759.
- 73.** Infante R, **Antelmi E**, Pizza F, Stanzani Maserati M, Plazzi G, Rizzo G, Liguori R. Persistence of limb dystonia and myoclonus during sleep in corticobasal syndrome: a case series. **Sleep Med.** **2019** Feb 2. pii: S1389-9457(18)30709-3.
- 74.** Testoni C, Sallemi G, Pizza F, Capelli P, Moresco M, **Antelmi E**, Plazzi G, Zanello M. Use and safety of nitrous oxide during lumbar puncture for the diagnosis of childhood narcolepsy. **Sleep Med.** **2019** Jul;59:120-122.
- 75.** Donadio V, Doppler K, Incensi A, Kuzkina A, Janzen A, Mayer G, Volkmann J, Rizzo G, **Antelmi E**, Plazzi G, Sommer C, Liguori R, Oertel WH. Abnormal α -synuclein deposits in skin nerves: intra- and inter-laboratory reproducibility. **Eur J Neurol.** **2019** Feb 15. doi: 10.1111/ene.13939 IF: 4.387
- 76.** Pizza F, Filardi M, Moresco M, **Antelmi E**, Vandi S, Neccia G, Mazzoni A, Plazzi G. Excessive daytime sleepiness in narcolepsy and central nervous system hypersomnias. **Sleep Breath.** **2019** Jun 1. doi: 10.1007/s11325-019-01867-7. IF: 2.326
- 77.** Franceschini C, Pizza F, **Antelmi E**, Folli MC, Plazzi G. Narcolepsy treatment:

pharmacological and behavioral strategies in adults and children. **Sleep Breath.**

2019 Jul 10. doi: 10.1007/s11325-019-01894-4. 79. IF 2.326

80.

78. E. Antelmi, F. Pizza, Donadio V, Filardi M, Y.S. Sosero, Incensi A, Vandi S, Moresco M, Ferri R, Marelli S, Ferini-Strambi L, Liguori R, Plazzi G. Biomarkers for REM sleep behavior disorder in idiopathic and narcoleptic patients. **Annals of Clinical and Translational Neurology** **2019** doi: 10.1002/acn3.50833

79. Marco Filardi, Nurhak Demir, Fabio Pizza, Stefano Vandi, Elena Antelmi, Silvia Noce, Oliviero Bruni, Giuseppe Plazzi, MD. Prevalence and neurophysiological correlates of sleep disordered breathing in pediatric type 1 Narcolepsy. *Sleep Med* accepted SLEEP-D-19-00382R1

80. Fabio Pizza, Lucie Barateau, Isabelle Jaussent, Stefano Vandi, **Elena Antelmi**, Emmanuel Mignot, Yves Dauvilliers, and Giuseppe Plazzi. Validation of Multiple Sleep Latency Test for the diagnosis of pediatric narcolepsy type 1 *NEUROLOGY* MS ID#: NEUROLOGY/2018/959254

81. Stefano Vandi, Sara Rodolfi, Fabio Pizza, Monica Moresco, **Elena Antelmi**, Raffaele Ferri, Emmanuel Mignot, Giuseppe Plazzi, Alessandro Silvani. Cardiovascular autonomic dysfunction, altered sleep architecture, and muscle overactivity during nocturnal sleep in pediatric patients with narcolepsy type 1. *Sleep* SLEEP-2019-0077.R1

82. Krohn L, Öztürk TN, Vanderperre B, Ouled Amar Bencheikh B, Ruskey JA, Laurent SB, Spiegelman D, Postuma RB, Arnulf I, Hu MTM, Dauvilliers Y, Högl B, Stefani A, Monaca CC, Plazzi G, **Antelmi E**, Ferini-Strambi L, Heidbreder A, Rudakou U, Cochen De Cock V, Young P, Wolf P, Oliva P, Zhang XK, Greenbaum L, Liong C, Gagnon JF, Desautels A, Hassin-Baer S, Montplaisir JY, Dupré N, Rouleau GA, Fon EA, Trempe JF, Lamoureux G, Alcalay RN, Gan-Or Z. Genetic, Structural, and Functional Evidence Link TMEM175 to Synucleinopathies. *Ann Neurol.* 2020 Jan;87(1):139-153. doi: 10.1002/ana.25629.

83. Antelmi E, Pizza F, Franceschini C, Ferri R, Plazzi G. REM sleep behavior disorder in narcolepsy: A secondary form or an intrinsic feature? *Sleep Med Rev.* 2020 Apr;50:101254. doi: 10.1016/j.smrv.2019.101254

84. Postiglione E, **Antelmi E**, Pizza F, Vandi S, La Morgia C, Carelli V, Nasseti S, Seri M, Plazzi G. Cataplexy and ataxia: red flags for the diagnosis of DNA methyltransferase 1 mutation. *J Clin Sleep Med.* 2020 Jan 15;16(1):143-147. doi: 10.5664/jcsm.8140.

85. Krohn L, Wu RYJ, Heilbron K, Ruskey JA, Laurent SB, Blauwendraat C, Alam A, Arnulf I, Hu MTM, Dauvilliers Y, Högl B, Toft M, Bjørnarå KA, Stefani A, Holzknecht E, Monaca CC, Abril B, Plazzi G, **Antelmi E**, Ferini-Strambi L, Young P, Heidbreder A, Cochen De Cock V, Mollenhauer B, Sixel-Döring F, Trenkwalder C, Sonka K, Kemlink D, Figorilli M, Puligheddu M, Dijkstra F, Viaene M, Oertel W, Toffoli M, Gigli GL, Valente M, Gagnon JF, Nalls MA, Singleton AB; 23andMe Research Team, Desautels A, Montplaisir JY, Cannon P, Ross OA, Boeve BF, Dupré N, Fon EA, Postuma RB, Pihlstrøm L, Rouleau GA, Gan-Or Z. Fine-Mapping of SNCA in Rapid Eye Movement Sleep Behavior Disorder and Overt Synucleinopathies. *Ann Neurol.* 2020 Apr;87(4):584-598. doi: 10.1002/ana.25687.

86. Maresca A, Del Dotto V, Capristo M, Scimonelli E, Tagliavini F, Morandi L, Tropeano CV, Caporali L, Mohamed S, Roberti M, Scandiffio L, Zaffagnini M, Rossi J, Cappelletti M, Musiani F, Contin M, Riva R, Liguori R, Pizza F, La Morgia C, **Antelmi E**, Loguercio Polosa P, Mignot E, Zanna C, Plazzi G, Carelli V. DNMT1 mutations leading to neurodegeneration paradoxically reflect on mitochondrial metabolism. *Hum Mol Genet.* 2020 Jul 21;29(11):1864-1881.

87. Franceschini C, Fante C, Folli MC, Filosa M, Pizza F, **Antelmi E**, Ingravalleo F, Plazzi G. Giving a voice to cataplectic experience: recollections from patients with narcolepsy type 1. *J Clin Sleep Med.* 2020 Apr 15;16(4):597-603. doi: 10.5664/jcsm.8286.

88. Maski K, Pizza F, Liu S, Steinhart E, Little E, Colclasure A, Diniz Behn C, Vandi S, **Antelmi E**, Weller E, Scammell TE, Plazzi G. Defining disrupted nighttime sleep and assessing its diagnostic utility for pediatric narcolepsy type 1. *Sleep.* 2020 Oct 13;43(10):zsaa066. doi: 10.1093/sleep/zsaa066.

- 89.** Rossi M, Candelise N, Baiardi S, Capellari S, Giannini G, Orrù CD, **Antelmi E**, Mammana A, Hughson AG, Calandra-Buonaura G, Ladogana A, Plazzi G, Cortelli P, Caughey B, Parchi P. Ultrasensitive RT-QuIC assay with high sensitivity and specificity for Lewy body-associated synucleinopathies. *Acta Neuropathol.* 2020 Jul;140(1):49-62. doi: 10.1007/s00401-020-02160-8. Epub 2020 Apr 27. Erratum in: *Acta Neuropathol.* 2020 Aug;140(2):245.
- 90.** Rudakou U, Futhy NC, Krohn L, Ruskey JA, Heilbron K, Cannon P; 23andMe Research Team, Alam A, Arnulf I, Hu MTM, Montplaisir JY, Gagnon JF, Desautels A, Dauvilliers Y, Toffoli M, Gigli GL, Valente M, Högl B, Stefani A, Holzknecht E, Sonka K, Kemlink D, Oertel W, Janzen A, Plazzi G, **Antelmi E**, Figorilli M, Puligheddu M, Mollenhauer B, Trenkwalder C, Sixel-Döring F, De Cock VC, Monaca CC, Heidbreder A, Ferini-Strambi L, Dijkstra F, Viaene M, Abril B, Boeve BF, Postuma RB, Rouleau GA, Gan-Or Z. SMPD1 variants do not have a major role in rapid eye movement sleep behavior disorder. *Neurobiol Aging.* 2020 Sep;93:142.e5-142.e7. doi: 10.1016/j.neurobiolaging.2020.04.005.
- 91.** Krohn L, Ruskey JA, Rudakou U, Leveille E, Asayesh F, Hu MTM, Arnulf I, Dauvilliers Y, Högl B, Stefani A, Monaca CC, Abril B, Plazzi G, **Antelmi E**, Ferini-Strambi L, Heidbreder A, Boeve BF, Espay AJ, De Cock VC, Mollenhauer B, Sixel-Döring F, Trenkwalder C, Sonka K, Kemlink D, Figorilli M, Puligheddu M, Dijkstra F, Viaene M, Oertel W, Toffoli M, Gigli GL, Valente M, Gagnon JF, Desautels A, Montplaisir JY, Postuma RB, Rouleau GA, Gan-Or Z. GBA variants in REM sleep behavior disorder: A multicenter study. *Neurology.* 2020 Aug 25;95(8):e1008-e1016. doi: 10.1212/WNL.0000000000010042
- 92.** Paio F, **Antelmi E**, Conti E, Di Vico I, Tinazzi M. Functional Motor Disorders Mimicking Symptoms Upon Resolution of Cerebrovascular Disease. *Mov Disord Clin Pract.* 2020 May 31;7(5):552-554. doi: 10.1002/mdc3.12972.
- 93.** Franceschini C, Fante C, Filardi M, Folli MC, Brazzi F, Pizza F, D'Anselmo A, Ingravallo F, **Antelmi E**, Plazzi G. Can a Peer Support the Process of Self- Management in Narcolepsy? A Qualitative Narrative Analysis of a Narcoleptic Patient. *Front Psychol.* 2020 Jul 7;11:1353. doi: 10.3389/fpsyg.2020.01353.
- 94.** Christensen JAE, Cesari M, Pizza F, **Antelmi E**, Frandsen RAV, Plazzi G, Jennum P. Nocturnal eye movements in patients with idiopathic rapid eye movement sleep behaviour disorder and patients with Parkinson's disease. *J Sleep Res.* 2020 Aug 28:e13125. doi: 10.1111/jsr.13125.
- 95.** **Antelmi E**, Plazzi G. Rapid eye movement sleep behavior disorder and sodium oxybate: efficacy and viewpoint. *Sleep.* 2020 Nov 12;43(11):zsaa149. doi: 10.1093/sleep/zsaa149
- 96.** Mufti K, Rudakou U, Yu E, Krohn L, Ruskey JA, Asayesh F, Laurent SB, Spiegelman D, Arnulf I, Hu MTM, Montplaisir JY, Gagnon JF, Desautels A, Dauvilliers Y, Gigli GL, Valente M, Janes F, Högl B, Stefani A, Holzknecht E, Šonka K, Kemlink D, Oertel W, Janzen A, Plazzi G, **Antelmi E**, Figorilli M, Puligheddu M, Mollenhauer B, Trenkwalder C, Sixel-Döring F, Cochen De Cock V, Monaca CC, Heidbreder A, Ferini-Strambi L, Dijkstra F, Viaene M, Abril B, Boeve BF, Postuma RB, Rouleau GA, Gan-Or Z. Comprehensive Analysis of Familial Parkinsonism Genes in Rapid-Eye-Movement Sleep Behavior Disorder. *Mov Disord.* 2020 Oct 1. doi: 10.1002/mds.28318.
- 97.** Silvani A, Vandi S, Pizza F, **Antelmi E**, Ferri R, Plazzi G. Combining Information on Nocturnal Rem Sleep Latency and Atonia to Facilitate Diagnosis of Pediatric Narcolepsy Type 1. *Sleep.* 2020 Oct 9:zsaa203. doi: 10.1093/sleep/zsaa203.
- 98.** Erro R, **Antelmi E**, Bhatia KP, Latorre A, Tinazzi M, Berardelli A, Rothwell JC, Rocchi L. Reversal of Temporal Discrimination in Cervical Dystonia after Low-Frequency Sensory Stimulation. *Mov Disord.* 2020 Nov 7. doi: 10.1002/mds.28369.
- 99.** **Antelmi E**, Filardi M, Pizza F, Vandi S, Moresco M, Franceschini C, Tinazzi M, Ferri R, Plazzi G. REM sleep behavior disorder in children with type 1 Narcolepsy treated with Sodium Oxybate. *Neurology.* 2020 Nov 11:10.1212/WNL.0000000000011157. doi: 10.1212/WNL.0000000000011157.
- 100.** Postiglione E, Pizza F, Ingravallo F, Vignatelli L, Filardi M, Mangiaruga A, **Antelmi E**, Moresco M, Oriolo C, Pagotto U, Plazzi G. Impact of COVID-19 pandemic lockdown on narcolepsy type 1 management. *Brain Behav.* 2020 Nov 28:e01955

- 101.** Tinazzi M, Geroi C, Erro R, Marcuzzo E, Cuoco S, Ceravolo R, Mazzucchi S, Pilotto A, Padovani A, Romito LM, Eleopra R, Zappia M, Nicoletti A, Dallochio C, Arbasino C, Bono F, Pascarella A, Demartini B, Gambini O, Modugno N, Olivola E, Bonanni L, **Antelmi E**, Zanolin E, Albanese A, Ferrazzano G, de Micco R, Lopiano L, Calandra-Buonaura G, Petracca M, Esposito M, Pisani A, Manganotti P, Stocchi F, Coletti Moja M, Antonini A, Ercoli T, Morgante F. Functional motor disorders associated with other neurological diseases: Beyond the boundaries of "organic" neurology. *Eur J Neurol.* 2020 Dec 9.
- 102.** Latorre A, Cocco A, Bhatia KP, Erro R, **Antelmi E**, Conte A, Rothwell JC, Rocchi L. Defective Somatosensory Inhibition and Plasticity Are Not Required to Develop Dystonia. *Mov Disord.* 2020 Dec 17.
- 103.** Arnaldi D, Chincarini A, Hu MT, Sonka K, Boeve B, Miyamoto T, Puligheddu M, De Cock VC, Terzaghi M, Plazzi G, Tachibana N, Morbelli S, Rolinski M, Dusek P, Lowe V, Miyamoto M, Figorilli M, de Verbizier D, Bossert I, **Antelmi E**, Meli R, Barber TR, Trnka J, Miyagawa T, Serra A, Pizza F, Bauckneht M, Bradley KM, Zogala D, McGowan DR, Jordan L, Manni R, Nobili F. Dopaminergic imaging and clinical predictors for phenoconversion of REM sleep behaviour disorder. *Brain.* 2020 Dec 22:awaa365. doi: 10.1093/brain/awaa365. Epub ahead of print.
- 104.** An Mufti K, Yu E, Rudakou U, Krohn L, Ruskey JA, Asayesh F, Laurent SB, Spiegelman D, Arnulf I, Hu MTM, Montplaisir JY, Gagnon JF, Desautels A, Dauvilliers Y, Gigli GL, Valente M, Janes F, Bernardini A, Högl B, Stefani A, Holzknecht E, Sonka K, Kemlink D, Oertel W, Janzen A, Plazzi G, **Antelmi E**, Figorilli M, Puligheddu M, Mollenhauer B, Trenkwalder C, Sixel-Döring F, De Cock VC, Monaca CC, Heidebreder A, Ferini-Strambi L, Dijkstra F, Viaene M, Abril B, Boeve BF, Trempe JF, Rouleau GA, Postuma RB, Gan-Or Z. Novel Associations of *BST1* and *LAMP3* with Rapid Eye Movement Sleep Behavior Disorder. *Neurology.* 2021 Jan 4:10.1212/WNL.0000000000011464. doi: 10.1212/WNL.0000000000011464. Epub ahead of print.
- 105.** **Antelmi E**, Conti E, Carecchio M, Tinazzi M. Functional and Idiopathic Cervical Dystonia in Two Family Members: A Challenging Diagnosis. *Tremor Other Hyperkinet Mov (N Y).* 2020 Dec 11;10:51. doi: 10.5334/tohm.558. PMID: 33354397
- 106.** Lividini A, Pizza F, Filardi M, Vandi S, Ingravalle F, **Antelmi E**, Bruni O, Cosentino FII, Ferri R, Guarnieri B, Marelli S, Ferini-Strambi L, Romigi A, Bonanni E, Maestri M, Terzaghi M, Manni R, Plazzi G. Narcolepsy type 1 features across the life span: age impact on clinical and polysomnographic phenotype. *J Clin Sleep Med.* 2021 Jul 1;17(7):1363-1370. doi: 10.5664/jcsm.9198. PMID: 33666167; PMCID: PMC8314618.
- 107.** Doppler K, **Antelmi E**, Kuzkina A, Donadio V, Incensi A, Plazzi G, Pizza F, Marelli S, Ferini-Strambi L, Tinazzi M, Mayer G, Sittig E, Boeij J, Sedghi A, Oertel WH, Volkmann J, Sommer C, Janzen A, Liguori R. Consistent skin α -synuclein positivity in REM sleep behavior disorder - A two center two-to-four-year follow-up study. *Parkinsonism Relat Disord.* 2021 May;86:108-113. doi: 10.1016/j.parkreldis.2021.04.007. Epub 2021 Apr 17. PMID: 33895068.
- 108.** **Antelmi E**, Lippolis M, Biscarini F, Tinazzi M, Plazzi G. REM sleep behavior disorder: Mimics and variants. *Sleep Med Rev.* 2021 Dec;60:101515. doi: 10.1016/j.smrv.2021.101515. Epub 2021 Jun 10. PMID: 34186416.
- 109.** Miglis MG, Adler CH, **Antelmi E**, Arnaldi D, Baldelli L, Boeve BF, Cesari M, Dall'Antonia I, Diederich NJ, Doppler K, Dušek P, Ferri R, Gagnon JF, Gan-Or Z, Hermann W, Högl B, Hu MT, Iranzo A, Janzen A, Kuzkina A, Lee JY, Leenders KL, Lewis SJG, Liguori C, Liu J, Lo C, Ehgoetz Martens KA, Nepozitek J, Plazzi G, Provini F, Puligheddu M, Rolinski M, Rusz J, Stefani A, Summers RLS, Yoo D, Zisler J, Oertel WH. Biomarkers of conversion to α -synucleinopathy in isolated rapid-eye-movement sleep behaviour disorder. *Lancet Neurol.* 2021 Aug;20(8):671-684. doi: 10.1016/S1474-4422(21)00176-9. PMID: 34302789; PMCID: PMC8600613.
- 110.** La Morgia C, Romagnoli M, Pizza F, Biscarini F, Filardi M, Donadio V, Carbonelli M, Amore G, Park JC, Tinazzi M, Carelli V, Liguori R, Plazzi G, **Antelmi E**. Chromatic Pupillometry in Isolated Rapid Eye Movement Sleep Behavior Disorder. *Mov Disord.* 2021 Oct 7. doi: 10.1002/mds.28809. Epub ahead of print. PMID: 34617633.
- 111.** Sosero YL, Yu E, Estiar MA, Krohn L, Mufti K, Rudakou U, Ruskey JA, Asayesh F, Laurent SB,

Spiegelman D, Trempe JF, Quinnell TG, Oscanoff N, Arnulf I, Montplaisir JY, Gagnon JF, Desautels A, Dauvilliers Y, Gigli GL, Valente M, Janes F, Bernardini A, Sonka K, Kemlink D, Oertel W, Janzen A, Plazzi G, **Antelmi E**, Biscarini F, Figorilli M, Puligheddu M, Mollenhauer B, Trenkwalder C, Sixel-Döring F, Cochen De Cock V, Monaca CC, Heidebreder A, Ferini-Strambi L, Dijkstra F, Viaene M, Abril B, Boeve BF, Postuma RB, Rouleau GA, Ibrahim A, Stefani A, Högl B, Hu MTM, Gan-Or Z. Rare PSAP Variants and Possible Interaction with GBA in REM Sleep Behavior Disorder. *J Parkinsons Dis*. 2021 Oct 19. doi: 10.3233/JPD-212867. Epub ahead of print. PMID: 34690151.

112. Biscarini F, Montini A, **Antelmi E**, Vandi S, Pizza F, Plazzi G. REM sleep behavior disorder with predominant nightmares in a patient with ischemic pontine lesions. *J Clin Sleep Med*. 2021 Nov 3. doi: 10.5664/jcsm.9762. Epub ahead of print. PMID: 34728051.

113. Poggiolini I, Gupta V, Lawton M, Lee S, El-Turabi A, Querejeta-Coma A, Trenkwalder C, Sixel-Döring F, Foubert-Samier A, Le Traon AP, Plazzi G, Biscarini F, Montplaisir J, Gagnon JF, Postuma RB, **Antelmi E**, Meissner WG, Mollenhauer B, Ben-Shlomo Y, Hu MT, Parkkinen L. Diagnostic value of cerebrospinal fluid alpha-synuclein seed quantification in synucleinopathies. *Brain*. 2021 Dec 11:awab431. doi: 10.1093/brain/awab431. Epub ahead of print. PMID: 34894214.

114. Postiglione E, Barateau L, Pizza F, Lopez R, **Antelmi E**, Razu AL, Vandi S, Chenini S, Mignot E, Dauvilliers Y, Plazzi G. Narcolepsy with intermediate cerebrospinal level of hypocretin-1. *Sleep*. 2021 Dec 13:zsab285. doi: 10.1093/sleep/zsab285. Epub ahead of print. PMID: 34902030.

115. **Antelmi E**, Rocchi L, Latorre A, Belvisi D, Magrinelli F, Bhatia KP, Tinazzi M. Restless Legs Syndrome: Known Knowns and Known Unknowns. *Brain Sci*. 2022 Jan 16;12(1):118. doi: 10.3390/brainsci12010118. PMID: 35053861.

116. Sadnicka A, Rocchi L, Latorre A, **Antelmi E**, Teo J, Pareés I, Hoffland BS, Brock K, Kornysheva K, Edwards MJ, Bhatia KP, Rothwell JC. A Critical Investigation of Cerebellar Associative Learning in Isolated Dystonia. *Mov Disord*. 2022 Mar 21. doi: 10.1002/mds.28967. Epub ahead of print. PMID: 35312111.

117. Veneruso M, Pizza F, Finotti E, Amore G, Vandi S, Filardi M, **Antelmi E**, Nobili L, Cassio A, Pession A, Plazzi G. Child Neurology: A Case Series of Heterogeneous Neuropsychiatric Symptoms and Outcome in Very Early-Onset Narcolepsy Type 1. *Neurology*. 2022 Jun 7;98(23):984-989. doi: 10.1212/WNL.0000000000200666. Epub 2022 Apr 6. PMID: 35387850.

118. Zhang Z, Dauvilliers Y, Plazzi G, Mayer G, Lammers GJ, Santamaria J, Partinen M, Overeem S, Del Rio Villegas R, Sonka K, Peraita-Adrados R, Heinzer R, Wierzbicka A, Högl B, Manconi M, Feketeova E, da Silva AM, Bušková J, Bassetti CLA, Barateau L, Pizza F, **Antelmi E**, Gool JK, Fronczek R, Gaig C, Khatami R. Idling for Decades: A European Study on Risk Factors Associated with the Delay Before a Narcolepsy Diagnosis. *Nat Sci Sleep*. 2022 May 31;14:1031-1047. doi: 10.2147/NSS.S359980. PMID: 35669411; PMCID: PMC9166906.

119. Puligheddu M, Figorilli M, **Antelmi E**, Arnaldi D, Casaglia E, d'Aloja E, Ferini-Strambi L, Ferri R, Gigli GL, Ingravalle F, Maestri M, Terzaghi M, Plazzi G; and the FARPRESTO Consortium. Predictive risk factors of phenoconversion in idiopathic REM sleep behavior disorder: the Italian study "FARPRESTO". *Neurol Sci*. 2022 Dec;43(12):6919-6928. doi: 10.1007/s10072-022-06374-4. Epub 2022 Sep 10. Erratum in: *Neurol Sci*. 2022 Nov 7; PMID: 36087148; PMCID: PMC9663351.

120. Torstensen EW, Haubjerg Østerby NC, Pizza F, Plazzi G, **Antelmi E**, Moresco M, Mignot E, Jørgensen NR, Christensen GL, Wanscher B, Kornum BR, Jennum PJ. Repeated measures of hypocretin-1 in Danish and Italian patients with narcolepsy and in controls. *Sleep Med*. 2023 Jan;101:213-220. doi: 10.1016/j.sleep.2022.10.004. Epub 2022 Oct 13. PMID: 36427467.

121. Krohn L, Heilbron K, Blauwendraat C, Reynolds RH, Yu E, Senkevich K, Rudakou U, Estiar MA, Gustavsson EK, Brolin K, Ruskey JA, Freeman K, Asayesh F, Chia R, Arnulf I, Hu MTM, Montplaisir JY, Gagnon JF, Desautels A, Dauvilliers Y, Gigli GL, Valente M, Janes F, Bernardini A, Högl B, Stefani A, Ibrahim A, Šonka K, Kemlink D, Oertel W, Janzen A, Plazzi G, Biscarini F, **Antelmi E**, Figorilli M, Puligheddu M, Mollenhauer B, Trenkwalder C, Sixel-Döring F, Cochen De Cock V, Monaca CC, Heidebreder A, Ferini-Strambi L, Dijkstra F, Viaene M, Abril B, Boeve BF; 23andMe Research Team; Scholz SW, Rytén M, Bandres-Ciga S, Noyce A, Cannon P, Pihlstrøm L, Nalls MA, Singleton AB, Rouleau GA, Postuma RB, Gan-Or Z. Genome-wide association study of REM sleep behavior disorder identifies polygenic risk and brain expression effects. *Nat Commun*. 2022 Dec

5;13(1):7496. doi: 10.1038/s41467-022-34732-5. PMID: 36470867; PMCID: PMC9722930.

122. Yu E, Krohn L, Ruskey JA, Asayesh F, Spiegelman D, Shah Z, Chia R, Arnulf I, Hu MTM, Montplaisir JY, Gagnon JF, Desautels A, Dauvilliers Y, Gigli GL, Valente M, Janes F, Bernardini A, Högl B, Stefani A, Ibrahim A, Heidbreder A, Sonka K, Dusek P, Kemlink D, Oertel W, Janzen A, Plazzi G, **Antelmi E**, Figorilli M, Puligheddu M, Mollenhauer B, Trenkwalder C, Sixel-Döring F, Cochen De Cock V, Ferini-Strambi L, Dijkstra F, Viaene M, Abril B, Boeve BF, Rouleau GA, Postuma RB, Scholz SW; International LBD Genomics Consortium; Gan-Or Z. *HLA in isolated REM sleep behavior disorder and Lewy body dementia*. medRxiv [Preprint]. 2023 Apr 3:2023.01.31.23284682. doi: 10.1101/2023.01.31.23284682. PMID: 36778313; PMCID: PMC9915822.

123. Liguori R, Donadio V, Wang Z, Incensi A, Rizzo G, **Antelmi E**, Biscarini F, Pizza F, Zou W, Plazzi G. A comparative blind study between skin biopsy and seed amplification assay to disclose pathological α -synuclein in RBD. *NPJ Parkinsons Dis*. 2023 Mar 4;9(1):34. doi: 10.1038/s41531-023-00473-5. PMID: 36871045; PMCID: PMC9985591.

124. Joza S, Hu MT, Jung KY, Kunz D, Stefani A, Dušek P, Terzaghi M, Arnaldi D, Videnovic A, Schiess MC, Hermann W, Lee JY, Ferini-Strambi L, Lewis SJG, Leclair-Visonneau L, Oertel WH, **Antelmi E**, Sixel-Döring F, Cochen De Cock V, Liguori C, Liu J, Provini F, Puligheddu M, Nicoletti A, Bassetti CLA, Bušková J, Dauvilliers Y, Ferri R, Montplaisir JY, Lawton M, Kim HJ, Bes F, Högl B, Šonka K, Fiamingo G, Pietro M, Lavadia ML, Suescun J, Woo KA, Marelli S, Ehgoetz Martens K, Janzen A, Plazzi G, Mollenhauer B, Fernandes M, Li Y, Cortelli P, Figorilli M, Cicero CE, Schaefer C, Guiraud L, Lanza G, Gagnon JF, Sunwoo JS, Ibrahim A, Girtler N, Trenkwalder C, Baldelli L, Pelletier A, Postuma RB; International REM Sleep Behavior Disorder Study Group. Progression of clinical markers in prodromal Parkinson's disease and dementia with Lewy bodies: a multicentre study. *Brain*. 2023 Mar 7:awad072. doi: 10.1093/brain/awad072. Epub ahead of print. PMID: 36881989.

125. Somerville EN, Krohn L, Yu E, Rudakou U, Senkevich K, Ruskey JA, Asayesh F, Ahmad J, Spiegelman D, Dauvilliers Y, Arnulf I, Hu MTM, Montplaisir JY, Gagnon JF, Desautels A, Ibrahim A, Stefani A, Högl B, Gigli GL, Valente M, Janes F, Bernardini A, Dusek P, Sonka K, Kemlink D, Plazzi G, **Antelmi E**, Biscarini F, Mollenhauer B, Trenkwalder C, Sixel-Döring F, Figorilli M, Puligheddu M, De Cock VC, Oertel W, Janzen A, Ferini-Strambi L, Heidbreder A, Monaca CC, Abril B, Dijkstra F, Viaene M, Boeve BF, Postuma RB, Rouleau GA, Gan-Or Z. *NPC1 variants are not associated with Parkinson's disease, REM-sleep behavior disorder or dementia with Lewy bodies in European cohorts*. *Neurobiol Aging*. 2023 Mar 8:S0197-4580(23)00049-0. doi: 10.1016/j.neurobiolaging.2023.03.002. Epub ahead of print. PMID: 37032242.

126. **Antelmi E**, Squintani GM, Sandri A, Lippolis M, Segatti A, Tinazzi M. Defect of the Endogenous Inhibitory Pain System in Idiopathic Restless Legs Syndrome: A Laser Evoked Potentials Study. *Mov Disord*. 2023 Sep;38(9):1688-1696. doi: 10.1002/mds.29509. Epub 2023 Jun 14. PMID: 37314385.

127. Yu E, Krohn L, Ruskey JA, Asayesh F, Spiegelman D, Shah Z, Chia R, Arnulf I, Hu MTM, Montplaisir JY, Gagnon JF, Desautels A, Dauvilliers Y, Gigli GL, Valente M, Janes F, Bernardini A, Högl B, Stefani A, Ibrahim A, Heidbreder A, Sonka K, Dusek P, Kemlink D, Oertel W, Janzen A, Plazzi G, **Antelmi E**, Figorilli M, Puligheddu M, Mollenhauer B, Trenkwalder C, Sixel-Döring F, Cochen De Cock V, Ferini-Strambi L, Dijkstra F, Viaene M, Abril B, Boeve BF, Rouleau GA, Postuma RB; International LBD Genomics Consortium; Scholz SW, Gan-Or Z. *HLA in isolated REM sleep behavior disorder and Lewy body dementia*. *Ann Clin Transl Neurol*. 2023 Sep;10(9):1682-1687. doi: 10.1002/acn3.51841. Epub 2023 Jul 4. PMID: 37401389; PMCID: PMC10502660.

128. Joza S, Hu MT, Jung KY, Kunz D, Arnaldi D, Lee JY, Ferini-Strambi L, **Antelmi E**, Sixel-Döring F, De Cock VC, Montplaisir JY, Welch J, Kim HJ, Bes F, Mattioli P, Woo KA, Marelli S, Plazzi G, Mollenhauer B, Pelletier A, Razzaque J, Sunwoo JS, Girtler N, Trenkwalder C, Gagnon JF, Postuma RB; International REM Sleep Behavior Disorder Study Group. *Prodromal dementia with Lewy bodies in REM sleep behavior disorder: A multicenter study*. *Alzheimers Dement*. 2024 Jan;20(1):91-102. doi: 10.1002/alz.13386. Epub 2023 Jul 17. PMID: 37461299; PMCID: PMC10917000.

129. Sandri A, Mingolla GP, Camonita G, Lippolis M, Tinazzi M, **Antelmi E**. Reduced Interoception Abilities in Patients with Restless Legs Syndrome. *Mov Disord Clin Pract*. 2023 May 17;10(7):1126-

1130. doi: 10.1002/mdc3.13759. PMID: 37476313; PMCID: PMC10354597.

130. Arnaldi D, Mattioli P, Pardini M, Morbelli S, Capriglia E, Rubino A, Rustioni V, Terzaghi M, Casaglia E, Serra A, Figorilli M, Liguori C, Fernandes M, Placidi F, Baldelli L, Provini F, Ferini-Strambi L, Marelli S, Plazzi G, **Antelmi E**, Brunetti V, Bonanni E, Puligheddu M; FARPRESTO Consortium. Clinical and dopaminergic imaging characteristics of the FARPRESTO cohort of trial-ready idiopathic rapid eye movement sleep behavior patients. *Eur J Neurol*. 2023 Dec;30(12):3703-3710. doi: 10.1111/ene.16001. Epub 2023 Aug 2. PMID: 37498611.

131. Menchetti M, Biscarini F, Sallemi G, **Antelmi E**, Franceschini C, Vandi S, Neccia G, Baldini V, Plazzi G, Pizza F. Phenomenology and psychiatric correlates of pseudocatataplexy. *Sleep*. 2023 Sep 8;zsad234. doi: 10.1093/sleep/zsad234. Epub ahead of print. PMID: 37682005.

132. Pizza F, Vignatelli L, Vandi S, Zenesini C, Biscarini F, Franceschini C, **Antelmi E**, Ingravallo F, Mignot E, Bruni O, Nobili L, Veggiotti P, Ferri R, Plazzi G. Role of Daytime Continuous Polysomnography in the Diagnosis of Pediatric Narcolepsy Type 1. *Neurology*. 2024 Jan 9;102(1):e207815. doi: 10.1212/WNL.0000000000207815. Epub 2023 Dec 14. Erratum in: *Neurology*. 2024 Jul 9;103(1):e209596. doi: 10.1212/WNL.0000000000209596. PMID: 38165365; PMCID: PMC10834121.

133. Ingravallo F, D'Alterio A, Rossetti A, **Antelmi E**, Plazzi G. Disclosing the Risk Associated with Isolated REM Behavior Disorder: The Sleep Experts' Perspective. *Mov Disord Clin Pract*. 2024 May;11(5):488-495. doi: 10.1002/mdc3.13998. Epub 2024 Feb 11. PMID: 38341655; PMCID: PMC11078490.

134. Biscarini F, Pizza F, Vandi S, Incensi A, **Antelmi E**, Donadio V, Ferri R, Liguori R, Plazzi G. Biomarkers of neurodegeneration in isolated and antidepressant-related rapid eye movement sleep behavior disorder. *Eur J Neurol*. 2024 Jun;31(6):e16260. doi: 10.1111/ene.16260. Epub 2024 Feb 26. PMID: 38409939.

135. Arnaldi D, Mattioli P, Raffa S, Pardini M, Massa F, Iranzo A, Perissinotti A, Niñerola-Baizán A, Gaig C, Serradell M, Muñoz-Lopetegi A, Mayà G, Liguori C, Fernandes M, Placidi F, Chiaravalloti A, Šonka K, Dušek P, Zogala D, Trnka J, Boeve BF, Miyagawa T, Lowe VJ, Miyamoto T, Miyamoto M, Puligheddu M, Figorilli M, Serra A, Hu MT, Klein JC, Bes F, Kunz D, Cochen De Cock V, de Verbizier D, Plazzi G, **Antelmi E**, Terzaghi M, Bossert I, Kulcsárová K, Martino A, Giuliani A, Pagani M, Nobili F, Morbelli S; International REM Sleep Behavior Disorder Study Group. Presynaptic Dopaminergic Imaging Characterizes Patients with REM Sleep Behavior Disorder Due to Synucleinopathy. *Ann Neurol*. 2024 Jun;95(6):1178-1192. doi: 10.1002/ana.26902. Epub 2024 Mar 11. PMID: 38466158; PMCID: PMC11102309.

136. Squintani G, Geroi C, Pasquali A, Cavazzana E, Segatti A, Lippolis M, Bonetto C, **Antelmi E**, Tinazzi M. Abnormalities of the Descending Inhibitory Nociceptive Pathway in Functional Motor Disorders. *Mov Disord*. 2024 May;39(5):905-910. doi: 10.1002/mds.29770. Epub 2024 Mar 12. PMID: 38469903.

137. **Antelmi E**, Mingolla GP, Mogavero MP, Ferri R, Lanza G, Morgante F, Bonetto C, Conte A, Ferini-Strambi L, Plazzi G, Berardelli A, Tinazzi M. A survey-based approach on restless legs syndrome: practices and perspectives among Italian neurologists. *J Neurol*. 2024 Apr 12. doi: 10.1007/s00415-024-12356-7. Epub ahead of print. PMID: 38607430.

138. **Antelmi E**, Mogavero MP, Lanza G, Cartella SM, Ferini-Strambi L, Plazzi G, Ferri R, Tinazzi M. Sensory aspects of restless legs syndrome: Clinical, neurophysiological and neuroimaging perspectives. *Sleep Med Rev*. 2024 May 7;76:101949. doi: 10.1016/j.smrv.2024.101949. Epub ahead of print. PMID: 38749362.

139. Varallo G, Franceschini C, Rapelli G, Zenesini C, Baldini V, Baccari F, **Antelmi E**, Pizza F, Vignatelli L, Biscarini F, Ingravallo F, Plazzi G. Navigating narcolepsy: exploring coping strategies and their association with quality of life in patients with narcolepsy type 1. *Sci Rep*. 2024 May 23;14(1):11837. doi: 10.1038/s41598-024-62698-5. PMID: 38783152; PMCID: PMC11116444.

140. Mogavero MP, **Antelmi E**, Lanza G, Marelli S, Castelnuovo A, Tinazzi M, DelRosso LM, Silvestri R, Ferri R, Ferini Strambi L. Sex-based disparities in dopamine agonist response in patients with restless legs syndrome. *J Sleep Res*. 2024 Aug 19:e14311. doi: 10.1111/jsr.14311. Epub ahead of print. PMID: 39160111.

- 141.** Biscarini F, Bassi C, Menchetti M, Zenesini C, Baldini V, Franceschini C, Varallo G, **Antelmi E**, Vignatelli L, Pizza F, Plazzi G, Ingravalle F. Co-occurrence of anxiety and depressive symptoms, suicidal thoughts, and hopelessness in patients with narcolepsy type 1. Sleep Med. 2024 Dec;124:141-145. doi: 10.1016/j.sleep.2024.09.023. Epub 2024 Sep 16. PMID: 39298876.
- 142.** Pilotto A, Zanusso G, **Antelmi E**, Okuzumi A, Zatti C, Lupini A, Bongianni M, Padovani A, Hattori N. Biofluid Markers and Tissue Biopsies Analyses for the Prodromal and Earliest Phase of Parkinson's Disease. J Parkinsons Dis. 2024;14(s2):S333-S344. doi: 10.3233/JPD-240007. PMID: 39331105; PMCID: PMC11494635.
- 143. Antelmi E**, Lanza G, Mogavero MP, Mingolla GP, Plazzi G, Ferini-Strambi L, Ferri R, Tinazzi M. Intersection of Sleep Disorders and Parkinson Disease: Unveiling the Bidirectional Relationship. Mov Disord Clin Pract. 2025 Jan;12(1):11-20. doi: 10.1002/mdc3.14254. Epub 2024 Nov 7. PMID: 39508600; PMCID: PMC11736876.



Yours Truly
Elena Antelmi

DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE

(Art. 46 del D.P.R. 28.12.2000, n. 445)

La sottoscritta Elena Antelmi, nata a Brindisi il 5 febbraio 1981 e residente a Verona, in Via A. Saffi 2/D dichiara che quanto riportato in CV è conforme al vero e a quanto riportato negli atti pubblici relativi.

La sottoscritta dichiara di essere a conoscenza delle sanzioni penali cui incorre in caso di dichiarazione mendace o contenente dati non più rispondenti a verità, come previsto dall'art.76 del D.P.R. 28.12.2000, n. 445.

La sottoscritta dichiara di essere a conoscenza dell'art.75 del D.P.R. 28.12.2000, n.445 relativo alla decadenza dai benefici eventualmente conseguenti al provvedimento emanato qualora l'Amministrazione, a seguito di controllo, riscontri la non veridicità del contenuto della suddetta dichiarazione.

La sottoscritta, ai sensi del D. Lgs. 196/2003 (codice di protezione dei dati personali), dichiara di essere a conoscenza che i propri dati saranno trattati dall'Università per assolvere agli scopi istituzionali ed al principio di pertinenza.

La sottoscritta allega fotocopia di documento di identità in corso di validità.

I take the responsibility of the data reported

.....Verona, 19th march 2024.....
(luogo e data)

il dichiarante

