



Europass Curriculum Vitae

Personal information

First name / Surname **Francesco Biscarini**

Address

Telephone

E-mail

Nationality

Date of birth

Gender

Occupational field

Health Care and Medical Research,
Medical Doctor, Neurologist, Ph.D student.

Work experience

Dates 1st November 2023 – present date

Occupation Neurologist, with research activity related to Neurology and Sleep Medicine, and clinical activity in the inpatient and outpatient clinic of patients with sleep disorders, at Ospedale Bellaria, in Bologna.

Employer University of Bologna, DIBINEM (Department of Biomedical and Neuromotor Sciences); UOC Clinica Neurologica, Centro Disturbi del Sonno e Centro Narcolessia, IRCCS – Istituto delle Scienze Neurologiche di Bologna, Ospedale Bellaria, via Altura 3, Bologna (BO), Italy

Dates 1st November 2019 – 31st October 2023

Occupation Medical doctor, resident in Neurology, with health care and research tasks, activities conducted at Ospedale Bellaria in Bologna, Policlinico Sant'Orsola-Malpighi in Bologna, Ospedale Maggiore C.A. Pizzardi in Bologna, Ospedale S.M. Delle Croci in Ravenna.

Employer University of Bologna, DIBINEM (Department of Biomedical and Neuromotor Sciences); IRCCS – Institute of Neurological Sciences of Bologna, Ospedale Bellaria, via Altura 3, Bologna (BO), Italy

Dates 1st July 2019 – 30th August 2019

Occupation Tourist Medical Guard in Primary Care Unit of Val di Sole (TN), Italy

Employer Health Service of Trento Autonomous Province, via DeGasperi 79, Trento (TN), Italy

Dates 1st November 2018 – 30th May 2019

Occupation Teacher in primary and secondary schools in the province of Bologna, in the project “Lezioni con i medici AVIS” (lessons with the doctors of the Italian association of blood donors)

Employer AVIS Provinciale Bologna, via dell'Ospedale 20, Bologna (BO), Italy

Dates	27 July 2017 – 22 August 2017
Occupation	Volunteering as health care personnel at Bacho Clinic, Dawro Zone, SNNPR, Ethiopia
Employer	NGO <i>In missione con noi</i> , via Santo Stefano 17, Bologna (BO), Italy
Scientific activity	
Congress	Faculty member for X Seminario “Diagnosi e trattamento multidisciplinare della Narcolessia” – Bologna, 16th December 2023.

Publications

1. Antelmi E, Lippolis M, Biscarini F, Tinazzi M, Plazzi G. REM sleep behavior disorder: mimics and variants. *Sleep Med Rev.* 2021 Dec;60:101515.
2. 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.* 2022 Jan;37(1):205-210.
3. Soser YL, Yu E, Estiar MA, Krohn L, Mufti K, Rudakou U, Ruskey JA, Asayesh F, Laurent SB, Spiegelman D, Trempe JF, Quinnell TG, Oscroft 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, Heidbreder 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.* 2022;12(1):333-340. doi: 10.3233/JPD-212867. PMID: 34690151.
4. 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.* 2022 Mar 1;18(3):945-948.
5. Poggiolini I, Gupta V, Lawton M, Lee S, El-Turabi A, Querejeta-Coma A, Trenkwalder C, Sixel-Döring F, Foubert-Samier A, Pavy-Le Traon A, 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.* 2022 Apr 18;145(2):584-595.
6. 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, Heidbreder A, Ferini-Strambi L, Dijkstra F, Viaene M, Abril B, Boeve BF; 23andMe Research Team; Scholz SW, Rytan M, Bandres-Ciga S, Noyce A, Cannon P, Pihlström 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.
7. 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.
8. 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 Jul;127:94-98. doi: 10.1016/j.neurobiolaging.2023.03.002. Epub 2023 Mar 8. PMID: 37032242.
9. 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 pseudocatalepsy. *Sleep.* 2023 Sep 8;zsad234. doi: 10.1093/sleep/zsad234. PMID: 37682005.
10. Simoncini Malucelli G, Mercante A, Pizza F, Brunetti V, Biscarini F, Vandi S, Mazzoni A, Franceschini C, Della Marca G, Vollono C, Chieffo DPR, Plazzi G. Exploring the emotional and behavioural profile in paediatric narcolepsy type 1: A case-control study. *J Sleep Res.* 2023 Oct 23:e14064. doi: 10.1111/jsr.14064. PMID: 37872846.
11. Bassi C, Biscarini F, Zenesini C, Menchetti M, Vignatelli L, Pizza F, Plazzi G, Ingravallo F. Work productivity and activity impairment in patients with narcolepsy type 1. *J Sleep Res.* 2023 Dec 12:e14087. doi: 10.1111/jsr.14087. PMID: 38086564.
12. 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. <i>Neurology</i>. 2024 Jan 9;102(1):e207815. doi: 10.1212/WNL.0000000000207815. Epub 2023 Dec 14. PMID: 38165365. 13. Baldini V, Venezia N, Iriti A, Quattrocchi S, Zenesini C, Biscarini F, Atti AR, Menchetti M, Franceschini C, Varallo G, De Ronchi D, Plazzi G, Pizza F. Eating disorders in narcolepsy type 1: Evidence from a cross-sectional Italian study. <i>J Sleep Res</i>. 2024 Feb 13:e14150. doi: 10.1111/jsr.14150. PMID: 38351712. 14. 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. <i>Eur J Neurol</i>. 2024 Feb 26:e16260. doi: 10.1111/ene.16260. PMID: 38409939.
Awards and achievements	1st Prize AIMS Bioprojet for the research on Narcolepsy at the XXXIII Congress of the Academia Italiana Medicina del Sonno (AIMS), 26th November 2023. Grant for Abstract presented at the 26th Congress of the European Sleep Research Society, 27th September 2022.
Clinical Trial	Sub-investigator in the following Randomized Clinical Trials: - TAK-994-1501. Sponsor: TAKEDA Pharmaceuticals. P.I. Prof G. Plazzi. Period: 2021 A Randomized, Double-Blind, Placebo-Controlled, Multiple Rising Oral Dose Study to Evaluate the Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of TAK-994 in Patients With Narcolepsy With or Without Cataplexy (Narcolepsy Type 1 or Narcolepsy Type 2) - TAK-994-1504. Sponsor: TAKEDA Pharmaceuticals. P.I. Prof G. Plazzi. Period: 2021 A Dose-Blind Extension Study With Double-blind, Placebo-Controlled, Randomized Withdrawal Period to Evaluate the Safety and Explore the Pharmacokinetics and Pharmacodynamics of TAK-994 in Adults With Narcolepsy With Cataplexy (Narcolepsy Type 1) - NEW-ERA, CAMG334AIT04. Sponsor: Novartis. P.I. Dr. S.Cevoli. Period: 2019-2022. Italian National study on quality of life and healthcare impact in a realWorld ERenumAb treated migraine population (NEW ERA study)
Education and training	
Title	PhD. student in Biomedical and Neuromotor Sciences, at University of Bologna, Italy.
Dates	9 th November 2023
Title	Specialist in Neurology, graduated at University of Bologna, with grade 110/110 with honours, Department of Biomedical and Neuromotor Sciences
Dates	12 th February 2019
Title	Licence of Medical Doctor and enrolment in the association of Medical Doctors and Surgeons of Bologna
Dates	October 2012 – 19 th July 2018
Title	Single cycle degree in Medicine and Surgery, graduation grade 110/110 with honours.

	Final thesis: “<i>The role of iron deficiency in the Restless Legs Syndrome: basic research and clinical implications</i>”, produced during the internship in Physiology at the PRISM lab (Physiological Regulation of Sleep in Mice), DIBINEM, University of Bologna, piazza di Porta San Donato 2, Bologna (BO), Italy. Marks weighted average in compulsory exams: 29.33/30. During the degree: - Erasmus+ programme for six months at the Semmelweis University, Budapest, Hungary; - Scholarship for a stage in Physiopathology and Sleep Medicine at the Neurology Department of Civic Hospital in Lugano, Switzerland.
Organisation providing education and training	Alma Mater Studiorum University of Bologna.
Dates	September 2007 – July 2012
Title	Scientific High School Diploma, grade 100/100 with honours.
Organisation providing education and training	Liceo Scientifico Augusto Righi, viale C. Pepoli 3, Bologna (BO), Italy
Personal skills and competences	
Foreign language certificate	English IELTS Academic – 2017. CEFR level C1: writing B2, speaking C1, listening C2, reading C2 Production of contents: intermediate level. Communication: advanced level.
Driving licence	Type B

Bologna, 16th March 2024

Francesco Biscarini