

## INFORMAZIONI PERSONALI

**Giuseppe Plazzi**ESPERIENZA  
PROFESSIONALE**Posizione attuale**

Da febbraio 2021

Professore Ordinario di Neuropsichiatria Infantile  
Direttore della Scuola di Neuropsichiatria Infantile e dell'Adolescenza, Università degli studi di Modena e Reggio Emilia

dal 2006

Responsabile scientifico e coordinatore attività assistenziale dell'Ambulatorio per la Narcolessia e le Ipertonie del SNC dell'IRCCS, Istituto delle Scienze Neurologiche di Bologna.

**Posizione passate**

Dal 05/2020 a 02/2021

Professore Associato di Neurologia, Università degli studi di Modena e Reggio Emilia

dal 10/2014 al 05/2020

Professore Associato di Neurologia, Alma Mater Studiorum, Università di Bologna

dal 2014 al 2020

Componente del Collegio dei Docenti del Dottorato in Scienze Mediche Specialistiche, PFDR in Medicina del Sonno, Università degli Studi di Bologna

dal 2011 al 2020

Direttore del Corso di Alta Formazione dell'Alma Mater Studiorum presso il campus della Romagna in Percezione-azione e disturbi dell'apprendimento.

aa 2019/2020

Direttore del Master Universitario dell'Alma Mater Studiorum presso il campus della Romagna in Posturologia: attività percettivo-sensoriale, motoria e cognitiva.

dal 1999 al 2010

Componente del Collegio dei Docenti, segretario scientifico e tutor del Dottorato in Medicina del Sonno dell'Università degli Studi di Bologna, alla cui istituzione ha collaborato unitamente al Professor Elio Lugaresi

## INCARICHI ISTITUZIONALI

dal 2020

Responsabile della linea di ricerca "Patologie del Sonno e Ritmi Biologici" all'IRCCS Istituto di Scienze Neurologiche di Bologna

da ottobre 2018

Presidente AIMS (Associazione Italiana Medicina del Sonno, (<http://www.sonnomed.it>))

da maggio 2018

Vice-Presidente EU-NN (European Narcolepsy Network, (<http://eu-nn.com>))

da gennaio 2020

Co-Chair Rare Diseases Panel EAN (European Academy of Neurology) (<https://www.ean.org>)

da ottobre 2020

Assistant Secretary ESRS (European Sleep Research Society), (<https://esrs.eu>)

da gennaio 2014 a maggio  
2020

Membro della Commissione della Valutazione della Ricerca di Ateneo (VRA) e Presidente del Panel di Area 06 dell'Alma Mater Studiorum, Università di Bologna.

da gennaio 2014 a maggio  
2020

Presidente del Panel RFO di area 06 dell'Alma Mater Studiorum, Università di Bologna

nel 2011 e nel 2015

Responsabile di Area 06 per la VQR (esercizi 2004-2010; 2011-2014) di Ateneo dell'Alma Mater Studiorum. Università di Bologna.

dal 2011 al 2014

Rappresentante per l'Area 06 nell'Osservatorio della Ricerca dell'Alma Mater Studiorum, Università degli Studi di Bologna: (l'OdR è cessato nel 2014).

dal 2008 al 2012 Segretario della Commissione Didattica della Facoltà di Medicina e Chirurgia, Alma Mater Studiorum, Università degli Studi di Bologna

## ISTRUZIONE E FORMAZIONE

da gennaio 2018 Segue periodicamente le attività della Clinica Neurologica Universitaria (Universitätsklinik für Neurologie) di Berna, comprendente la Stroke Unit, diretta dal Prof Claudio Bassetti.

2012-2013 Visiting Associate Professor, Stanford University School of Medicine, Stanford, CA, USA, Department of Psychiatry and Behavioral Sciences (Stanford Sleep Center)

2013 Diploma di "Somnologist" (Esperto Europeo di Sonno) dell'ESRS (European Sleep Research Society)

2013 Abilitazione Scientifica Nazionale (DD n. 222/2012): superamento delle soglie dei 3 indicatori bibliometrici ANVUR ed abilitazione alle funzioni di **Professore di Prima Fascia nel raggruppamento 06/D6 (Med 26-Neurologia)**, validità (05/02/201405/02/2023) e di **Professore di Prima Fascia nel raggruppamento 06/G1 (Med 38-Pediatria Generale, Specialistica e Neuropsichiatria Infantile)**, validità (05/02/201405/02/2023).

Dal 01/01/1999 al 14/10/2014 Ricercatore Universitario del SSD Med/26 (Neurologia) presso la Facoltà di Medicina e Chirurgia, Università degli Studi di Bologna

1999 Diploma di "Esperto dei Disturbi del Sonno" dell'Associazione Italiana di Medicina del Sonno (AIMS)

13/07/1993 Specialità in Neurologia: (relatore Professor Elio Lugaresi), Università degli Studi di Bologna

30/05/1989 Abilitazione alla Professione Medica e iscrizione all'Ordine dei Medici di Ravenna con tessera #2170

22/03/1989 Laurea in Medicina e Chirurgia (relatore Professor Carlo Alberto Tassinari), Facoltà di Medicina e Chirurgia, Alma Mater Studiorum, Università degli Studi di Bologna

## COMPETENZE PERSONALI

Lingua Madre Italiano

Altre Lingue

	COMPRESIONE		LETTURA		PRODUZIONE SCRITTA
	Ascolto	Letture	Interazione	Produzione Orale	
Inglese	C1	C1	C1	C1	C1

### [Quadro Comune Europeo di Riferimento delle Lingue](#)

Ha pubblicato oltre 350 contributi scientifici originali in riviste internazionali con impact factor, capitoli di libri in lingua inglese, ed un libro sulle Parasomnie edito dalla Cambridge University Press (2010). Ha partecipato a workshop, riunioni, congressi nazionali ed internazionali in qualità di relatore, moderatore, e con letture su invito. Fra queste ultime, nel 2011 e nel 2012 è stato invitato a tenere letture sulle sue ricerche allo Stanford Grand Rounds (Stanford University School of Medicine), letture plenarie al congresso della Società Cilena di Neurologia (2011) e nel 2012 e 2013 al congresso annuale della Società Spagnola di Neurologia, della Società Asiatica di Medicina del Sonno, dell'International Pediatric Sleep Association (IPSA).

Competenze organizzative

### **Coordinatore di diversi progetti di ricerca finanziati:**

- PRIN 2005: Oscillazioni ultradiane della vigilanza e alterazioni della struttura ipnica nella narcolessia: relazione fra aspetti neurofisiologici, cognitivi, neurometabolici e genetici. Coordinatore nazionale progetto.
- PRIN 2008: Fattori genetici ed aspetti clinico-funzionali della Narcolessia. Coordinatore nazionale progetto.
- UE Action PHEA: European network of reference for rare pediatric neurological diseases (nEUroped). Co-beneficiary di WP.

- Progetto europeo finanziato dall'AIFA (Agenzia Italiana del Farmaco) "VAESCO Study\_PIV Narcolepsy-Influenza, Influenza Vaccination and Narcolepsy: Background rates and case-control study". 1 marzo 2011 - 31 agosto 2011. Coordinatore progetto.
- Istituto Superiore di Sanità Programma Italia-USA "Malattie Rare": Reliability and efficacy of the current diagnostic approach in narcolepsy and search for new genetic markers (conv. no. 526D/45). Responsabile scientifico di WP.
- Bando della ricerca finalizzata 2016 (anni finanziari 2014-2015): Telemedicine with mobile internet devices for innovative multidisciplinary patient-centred care of patients with narcolepsy. Short title: TElemedicine for NARcolepsy (TENAR). Codice progetto WFR: RF-2016-02364742. Principal Investigator. Finanziamento a carico Ministero Salute: Euro 434.025,00
- Coordinatore scientifico del Registro Nazionale della Narcolessia e delle Ipersonnie del Sistema Nervoso Centrale (ReNeIS, Istituto Superiore di Sanità) 2018.

### **Organizzazione di Congressi e Attività Didattica Extra-ateneo**

- 1997: Primo Corso Residenziale in Medicina del Sonno (Corso di Aggiornamento in Medicina del Sonno). 6-8 ottobre 1997, Bertinoro (FC), Italia. Co-organizzazione con E. Lugaresi.
- 2000: "Sleep Medicine at the Eve of the Third Millennium" Bologna, Italia, 7-12 Marzo 2000. Co-organizzazione con E. Lugaresi.
- 2010: Congresso della Associazione Italiana di Medicina del Sonno (AIMS) Bologna, Italia, 15-18 Novembre 2009. Co-organizzazione con E. Lugaresi.
- 2012: "Third European Narcolepsy Day" Congress Bologna, Italia, 17-18 Marzo 2012.
- 2007-2010 Responsabile per il Dipartimento di Scienze Neurologiche dell'Università di Bologna e per l'ESRS-Marie Curie Training Course on Training in Sleep Research and Sleep Medicine (FP6 2006-Mobility-4).
- 14 dicembre 2018: organizzatore della Giornata Scienze Neurologiche a Bologna
- 2014: organizzatore del I Seminario Diagnosi e trattamento multidisciplinare della narcolessia, "Aspetti metabolici e cardiovascolari", Bologna
- 2015: organizzatore del II Seminario Diagnosi e trattamento multidisciplinare della narcolessia, "Dall'impatto psico-sociale alla comorbidità psichiatrica", Bologna
- 2016: organizzatore del III Seminario Diagnosi e trattamento multidisciplinare della narcolessia, "Verso il registro nazionale della narcolessia e delle ipersonnie di origine centrale", Bologna
- 2017: organizzatore del IV Seminario Diagnosi e trattamento multidisciplinare della narcolessia, "Le età della vita", Bologna
- 2018: organizzatore del V Seminario Diagnosi e trattamento multidisciplinare della Narcolessia, "Dalla Telemedicina alla Cura personalizzata", Bologna
- Settembre 2016: organizzatore de 23rd Congress of the European Sleep Research Society (ESRS), Bologna
- 9-13 settembre 2018: co-organizzatore e relatore del 7th International Symposium on Narcolepsy, Boston
- Dal 2014 fa parte del comitato scientifico del Festival della Scienza Medica di Bologna.
- Componente di commissione, co-relatore, a diverse tesi di Dottorato di Ricerca presso Università Italiane (Genova, Roma-Sapienza) e di PhD presso Università europee (Losanna, Montpellier, Parigi e Copenhagen).

### Competenze clinico-scientifiche

### **Aree di particolare interesse scientifico nelle quali ha maturato un'expertise internazionalmente riconosciuto:**

- Clinica, Patofisiologia e Trattamento della narcolessia.
- Malattie neurodegenerative con particolare attenzione agli early markers liquorali, tissutali, di imaging, alla biologia molecolare, ed alle caratteristiche/disturbi del sonno come marker precoci di neurodegenerazione.
- Genetica dei disturbi del sonno.
- Epilessie notturne.
- Disturbi del controllo motorio nel sonno (parasonnie, REM sleep behavior disorder, restless legs syndrome, periodic limb movements of sleep, ecc.).
- Sonno nelle malattie neurologiche.

Ha contribuito alla definizione clinica, polisonnografica, epidemiologica e genetica di diversi

disturbi del sonno ed alla caratterizzazione polisonnografica del sonno in alcune malattie neurologiche.

In particolare, come riscontrabile nella letteratura allegata:

- Ha contribuito alla caratterizzazione polisonnografica e circadiana della Fatal Familial Insomnia (FFI) all'interno del gruppo di ricerca coordinato dal professor Elio Lugaresi. Ha descritto, in collaborazione con altri, i marker pre-clinici polisonnografici dei soggetti portatori della mutazione della FFI.

- Ha contribuito ai lavori descrittivi di una supposta sindrome da intossicazione endogena da "endozepine" denominata Idiopathic Recurring Stupor, per poi contribuire alla scoperta che si trattava di intossicazioni fraudolente da benzodiazepine, non riconoscibili con gli strumenti laboratoristici di routine.

- Ha descritto, in collaborazione con altri, una nuova entità clinica, nell'ambito della Nocturnal Frontal Lobe Epilepsy (NFLE) denominandola Epileptic Nocturnal Wanderings riconoscendone sia la natura sporadica che familiare. L'identificazione di una famiglia riportata nel lavoro originale, affetta da tale malattia con importante comorbidità psichiatrica a carattere evolutivo, ha contribuito ad importanti studi di linkage ed alla recente scoperta di una nuova mutazione patogena del gene KCNT1 responsabile di una forma di severa NFLE. Ha contribuito alla descrizione della più ampia casistica di NFLE.

- Ha descritto, in collaborazione con altri, l'alta prevalenza di REM sleep Behaviour Disorder (RBD) in un'estesa popolazione di pazienti affetti da Atrofia Multisistemica (MSA), scoprendo che l'RBD può essere il sintomo di esordio di MSA e che, inoltre, all'interno di disautonomie di origine centrale, la presenza di RBD è in grado di distinguere la MSA dalla Primary Autonomic Failure. Ha collaborato alle ricerche che hanno individuato la presenza di sinucleina periferica nella forma idiopatica di RBD, confermando il valore di early marker di questo disturbo del sonno.

- Ha contribuito a lavori di caratterizzazione video-polisonnografica e clinica della Restless Legs Syndrome.

- Ha descritto, in collaborazione, il profilo polisonnografico delle 24 ore dell'Alcohol Withdrawal Syndrome.

- Ha collaborato alla descrizione del profilo comportamentale e polisonnografico delle 24 ore della Morvan's Chorea.

- Ha collaborato alla scoperta ed alla descrizione clinica e polisonnografica di nuove patologie del sonno, quali il Propriospinal Myoclonus, l'Oromandibular Myoclonus, ed il Nocturnal Groaning idiopatico e iatrogeno.

- Ha collaborato a descrizioni di casi d'interesse forense di comportamenti violenti durante il sonno.

- Coordina, da oltre 15 anni, un gruppo di ricerca multidisciplinare dedicato allo studio ed alla cura della narcolessia e di altre ipersonnie del sistema nervoso centrale. Le competenze di questa rete di ricercatori vanno dalla ricerca di strumenti efficaci per aumentare l'informazione (sia scientifica che divulgativa) su una malattia rara e misconosciuta quale è la narcolessia, a collaborazioni con altri gruppi di ricerca nazionali ed internazionali su qualsiasi aspetto che possa interessare questa patologia. Attualmente, il gruppo di Bologna, secondo una ricerca svolta dallo Swedish Research Council, è il primo gruppo europeo per la produzione scientifica sulla narcolessia ed il secondo al mondo. I prodotti della ricerca che ha coordinato o cui ha collaborato in quest'ambito sono così raggruppabili:

la prima descrizione delle caratteristiche cliniche, fino ad oggi sconosciute, della narcolessia in età pediatrica.

la dimostrazione dell'associazione fra narcolessia e sindrome metabolica.

la collaborazione ai più importanti recenti studi internazionali di associazione genetica.

la collaborazione alla prima dimostrazione del coinvolgimento del sistema autoimmunitario nella narcolessia umana.

la definizione dello spettro di disturbi di tipo narcolettico.

la definizione di nuovi criteri poligrafici per la diagnosi della narcolessia, con possibili risvolti applicativi in termini epidemiologici (minori costi e minor necessità di personale tecnico ed ambienti dedicati).

la dimostrazione dell'associazione della narcolessia pediatrica con obesità e pubertà precoce. I primi lavori osservazionali internazionali comprovanti efficacia e sicurezza dei trattamenti farmacologici per la narcolessia nel bambino.

la descrizione dell'associazione fra narcolessia e infezione streptococcica.

la descrizione di una peculiare alterazione nella spettroscopia in vivo dell'ipotalamo nella

narcolessia con cataplessia.  
 la prima descrizione di una mutazione genetica determinante la narcolessia nell'uomo.  
 la case definition per lo studio di incidenza e prevalenza europea della narcolessia.  
 la valutazione medico-legale della disabilità nella narcolessia.  
 i costi sociali della narcolessia.  
 la definizione di linee guida per le commissioni medico legali al fine di poter garantire la tutela dei diritti dei pazienti e favorire l'emersione della malattia.  
 la definizione clinica dei fenomeni pseudonarcolettici di confine o di pertinenza psichiatrica al fine di poter giungere ad una diagnosi positiva (e non di esclusione) degli stessi.  
 gli aspetti vegetativi della narcolessia.  
 la psicofisiologia della narcolessia.  
 il riconoscimento automatico della cataplessia.  
 le red flags della narcolessia.  
 la descrizione del pattern della cataplessia in fMRI nel bambino.

Il Prof. Plazzi ha partecipato a diversi trials farmacologici sul trattamento della narcolessia pubblicati su riviste internazionali ad alto IF ed ha coordinato il primo trial internazionale sul trattamento della narcolessia in età pediatrica.

**Responsabile scientifico dei seguenti studi farmacologici (art. 66 DPR 382/80 conto terzi):**

- “Randomized double-blind, placebo and comparator-controlled parallel group, multi-center trial assessing the effects of BF 2.649 in the treatment of excessive daytime sleepiness in narcolepsy”. **HARMONY 1 bis** - (studio concluso nel 2012).
- “Studio in doppio cieco randomizzato per valutare l'efficacia di BF2.649 rispetto a Placebo in aggiunta a sodio oxibato per il trattamento di pazienti narcolettici con eccessiva Sonnolenza Diurna (ESD) residua nel corso di 8 settimane” - **Bioprojet Premier Research (CRO)**”
- “Studio multicentrico in doppio cieco randomizzato controllato verso placebo a gruppi paralleli con polisonnografia per valutare l'efficacia e la sicurezza di rotigotina transdermica in soggetti con sindrome delle gambe senza riposo e con malattia renale allo stadio terminale che necessitano di emodialisi SP0934” – **UCB** – (studio concluso nel 2013).
- “Efficacy and safety of 2 mg/day of M100907 on Sleep Maintenance Insomnia with a substudy of the effect of M100907C on stable type II Diabetes Mellitus: a one year, multicenter, randomised, double-blind, placebo-controlled study” STUDIO SAMS LTE6673” Sponsor: **Sanofy Synthelabo** - (studio concluso nel 2008).
- "Studio multicentrico, in doppio cieco, randomizzato, controllato con placebo, con farmaco attivo con riferimento, a gruppi paralleli, con polisonnografia per valutare l'efficacia e la sicurezza della somministrazione orale di ACT-078573 per 16 giorni in soggetti adulti con insonnia cronica primaria". Prot. AC-057A301. Sponsor: **Actelion Pharmaceuticals Italia** – (studio concluso nel 2012).
- "Post marketing non-interventional surveillance pharmacoepidemiology study (PMSS) to evaluate long-term safety, tolerability and compliance in administration of Xyrem oral solution in patients who receive treatment with this medication in regular clinical practice" Prot.C00302. Sponsor: **UCB Pharma SA** - (studio concluso nel 2015)
- “Studio multicentrico, per la valutazione della farmacocinetica del PITOLISANT (BF 2.649) somministrato in dose singola a bambini con narcolessia di età compresa tra i 6 anni e i 18 anni non compiuti”. Sponsor: **Bioprojet** - (studio concluso nel 2014)
- “A Double –Blind, Placebo Controlled, Randomized-Withdrawal, Multicenter Study of the Efficacy and Safety of Xyrem with an Open-Label Pharmacokinetic Evaluation and Safety Extension in Pediatric Subjects with Narcolepsy with Cataplexy”. Prot JZP 13-005. Sponsor: **Jazz Pharmaceutical** - (studio concluso nel 2019).
- “A Twelve-week, Double Blind, Placebo-controlled, Randomized, Parallel-group, Multicenter Study of the Safety and Efficacy of JZP-110 [R-2-amino-3-phenylpropylcarbamate hydrochloride] in the Treatment of Excessive Sleepiness in Subject with Narcolepsy”. Prot JZP 14-002. Sponsor: **Jazz Pharmaceutical** - (studio concluso nel 2017).
- “A Long-Term Safety and Maintenance of Efficacy Study of JZP-110 [R-2-amino-3-phenylpropylcarbamate hydrochloride] in the Treatment of Excessive Sleepiness in Subject with Narcolepsy or OSAS”. Prot JZP 14-005. Sponsor: **Jazz Pharmaceutical**

(studio concluso nel 2018)

- “A Multicenter, Randomized, Double Blind, Placebo-Controlled, Active Comparator, Parallel-Group Study of the Efficacy and Safety of Lemborexant in Subjects 55 Years and Older with Insomnia Disorders”. Prot E2006-G000-304. Sponsor: **EISAI**– (studio concluso nel 2018)
- “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)”.Prot TAK-994-1501. Sponsor: **TAKEDA** (concluso nel 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)”. Prot TAK-994-1504. Sponsor: **TAKEDA** (concluso nel 2021)
- OSAREDS-001 (OSA-related Residual EDS prevalence in Italian patients). Prot BIO-EP-CL\_00. Sponsor: Bioprojet Italia – (studio retrospettivo in corso)
- “Trial placebo-controllato, randomizzato, multicentrico e in doppio cieco condotto per valutare la sicurezza e l’efficacia del Pitolisant nei bambini di età compresa tra i 6 e meno di 18 anni affetti da narcolessia con/senza cataplessia, seguito da un periodo di Open Label prolungato”. Prot P11-06/BF2.649. Sponsor: **Bioprojet** - studio in corso
- “A 5-year multi-center, observational post-authorization safety study to document the utilisation of Wakix in the treatment of narcolepsy with or without cataplexy and to collect information on its long-term safety when used in routine medical practice”. Prot WAKIX PASS. Sponsor: **Bioprojet** - studio in corso
- “A Phase 1, Open-Label, Single Ascending Dose Study to Evaluate the Pharmacokinetics and Safety of Solriamfetol in Pediatric Subjects with Narcolepsy”. Prot JZP865-101. Sponsor: **Jazz Pharmaceutical** - studio in corso
- “Solriamfetol’s Effect on Cognitive Health in Apnea Participants During a Randomized Placebo-controlled Study (SHARP): a 5-Week Doubleblind, Placebo-controlled, Randomized, Crossover, Multicenter Study of Solriamfetol in Improving Cognitive Function in Participants With Excessive Daytime Sleepiness Associated With Obstructive Sleep Apnea Plus Impaired Cognitive Function”. JZP110-405-00. Sponsor: **Jazz Pharmaceutical** - studio in corso
- “Telemedicine with mobile Internet devices for innovative multidisciplinary patientcentred care of patients with Narcolepsy”. Short title: “Telemedicine for Narcolepsy” (TeNar). Prot RF-2016-02364742. Founded by: **Italian Ministry of Health** - studio in corso
- “Easy TElemedicine for NARcolepsy (Easy-TENAR): 1-year open study on feasibility of healthcare with televisit in patients with narcolepsy during COVID-19 pandemic in Italy” – Prot RF-2016-02364742. Founded by: **Italian Ministry of Health** - studio in corso

## Competenze mediche

### Attività Assistenziale

Dal 1999 al 2005: Dirigente Medico equiparato (Consorzio per la gestione della Clinica delle Malattie Nervose e Mentali) presso la Clinica Neurologica dell’Università di Bologna. Svolge attività assistenziale di reparto, agli ambulatori di Neurologia Generale, Centro Sonno e Centro Epilessia, guardia di 24 ore, coordina il Laboratorio del sonno e svolge attività di supervisione notturna della attività dello stesso e di refertazione di polisonnografie e video-polisonnografie.

Dal 01/01/2005 ad oggi: Dirigente medico di primo livello, AUSL Città di Bologna.

Dal 02/04/2012 ad oggi: Alta specializzazione professionale in medicina del sonno (AUSL Città di Bologna).

Esercita attività assistenziale presso la UOC Clinica Neurologica dell’IRCCS – Istituto delle Scienze Neurologiche di Bologna sotto forma di attività di reparto, pronta disponibilità notturna, guardie notturne, attività di neurologo di guardia nel percorso emergenze/urgenze neurologiche dell’ASL città di Bologna, integrato con la neurologia dell’Ospedale Maggiore e della Rete Stroke metropolitana per l’inquadramento e la gestione integrata dei pazienti afferenti al servizio di Pronto Soccorso dell’Ospedale Maggiore di Bologna. La UOC Clinica Neurologica dell’IRCCS – Istituto delle Scienze Neurologiche di Bologna è una struttura di III livello dedicata alla diagnosi e trattamento di patologie neurologiche croniche e acute che necessitano di un inquadramento complesso frequentemente multidisciplinare, in particolare comprensivo delle più sofisticate tecniche neurofisiologiche (dallo studio del sonno al sistema nervoso vegetativo), e di laboratorio (marcatori liquorali, biopsie muscolari e cutanee, biologia

molecolare). Nell'ambito del percorso urgenze/emergenze neurologiche afferiscono alla struttura pazienti affetti da patologia cerebrovascolare acuta nei quali viene esclusa l'indicazione al trattamento trombolitico/endovascolare per una diagnosi eziologica di tipo genetico/disimmune. Si occupa di refertazione esami poligrafici e monitoraggi protratti del ritmo sonno-veglia, attività ambulatoriale nell'ambulatorio del sonno (dove segue regolarmente oltre 12000 pazienti affetti da patologie del sonno e oltre 800 pazienti affetti da Ipersonnie del SNC) ed al centro epilessia dove, dopo anni di completa collaborazione, attualmente segue soltanto pazienti in follow-up. E' responsabile del laboratorio del sonno. Segue in ambulatori elettivi pazienti con malattie neurodegenerative e disturbi del sonno, pazienti affetti da sindrome delle apnee ostruttive in sonno e comorbidità cerebrovascolare e pazienti affetti da ipersonnie centrali.

E' certificatore di Malattia Rara per la Regione Emilia Romagna per pazienti affetti da narcolessia RFO 150; ha certificato oltre 800 casi.

#### Competenze didattiche

##### Attività Didattica svolta presso l'Università di Bologna

Dal 1999 ad oggi: Corso di Laurea in Tecniche di Neurofisiopatologia (Indagini elettrofisiologiche speciali e sperimentali- CI). 1CFU.

Dal 1999 ad oggi: Attività di Tutor per gli Studenti del Corso di Laurea Magistrale in Medicina e Chirurgia.

Dal 2004 ad oggi: Corso di Laurea in Infermieristica, sede di Ravenna (Neurologia, Riabilitazione e Ortopedia -CI). 1 CFU.

Dal 2004 al 2012: Corso di Laurea in Educatore Professionale, sede di Imola (Neurologia- CI). 3 CFU.

Dal 2000 ad oggi: Scuola di Specializzazione in Neurologia (Neurofisiopatologia - Medicina del Sonno). 1 CFU.

Dal 2010 al 2012: Scuola di Specialità in Neuropsichiatria Infantile (Medicina del Sonno). 1 CFU.

Dal 2012 al 2017: Corso elettivo in Medicina del Sonno, Corso di Laurea Magistrale in Medicina e Chirurgia, Università di Bologna. 1 CFU.

Dal 2017 ad oggi: Responsabile Corso elettivo in Medicina del Sonno, Corso di Laurea Magistrale in Medicina e Chirurgia, Università di Bologna. 3 CFU.

Dal 2012-2018: Responsabile Corso elettivo in Cronobiologia, Corso di Laurea Magistrale in Medicina e Chirurgia. 1 CFU.

2014: Laurea Magistrale in Medicina e Chirurgia, Corso Integrato di Neurologia titolare di 1 Credito Formativo. Nell'anno 2014, per la prima volta, è stato possibile accedere per bando a tale insegnamento per l'anno in corso, insegnamento in precedenza completamente coperto da PO e PA dello stesso SSD Med/26. 1 CFU.

Dal 2015/16: Corso di Laurea in Odontoiatria e protesi dentaria (Neurologia, Psichiatria e Medicina Legale – CI). 3 CFU

Dal 2018/19: Corso di Laurea in Medicine and Surgery (Semeiotics of the Nervous System – CI). 1 CFU

Dal 1999 membro del Collegio dei Docenti del Dottorato di Ricerca in Medicina del Sonno, poi confluito nel Dottorato di Ricerca in Medicina Specialistica.

Relatore e correlatore per numerose tesi di Laurea per Corsi di Laurea Magistrale (Medicina e Chirurgia, Giurisprudenza, Psicologia), Scuola di Specializzazione (Neurologia, Medicina Legale), Corsi di Laurea Triennale (Tecnico di Neurofisiopatologia, Infermieristica) e di Dottorato di ricerca (Medicina del Sonno, Scienze Mediche Specialistiche).

##### Attività Didattica svolta presso l'Università di Modena e Reggio Emilia

Dal 2020: Corso di Laurea in Medicina e Chirurgia (Psichiatria), Tecniche della Riabilitazione Psichiatrica (Medicina dello sviluppo e della riabilitazione), Dietistica (Scienze pediatriche e ostetrico-ginecologiche).

Relatore e correlatore per numerose tesi di Specializzazione in Neuropsichiatria Infantile e dell'Adolescenza.

Direttore della scuola di Specializzazione in Neuropsichiatria Infantile e dell'Adolescenza.

#### Altre Competenze

##### Associazioni Professionali e Servizi

American Academy of Sleep Medicine (AASM): Membro 1995-ad oggi.  
American Academy of Neurology (AAN): Membro dal 1995 ad oggi.  
Società Italiana di Neurologia (SIN): Membro dal 1998 ad oggi.  
Associazione Italiana di Medicina del Sonno (AIMS): Presidente da ottobre 2018, membro dal 1994 ad oggi. Componente del Consiglio Direttivo dal 1997 al 2003 e dal 2006 al 2012. Membro della commissione "sonnolenza ed incidenti alla guida".  
Commissione COMLAS per le linee guida per il rilascio della patente di guida dal 2008 al 2010.  
Associazione Italiana Narcolettici ed Ipersonni (AIN): coordinatore del Comitato Scientifico dal 1999 ad oggi.  
European Sleep Research Society (ESRS): Membro dal 2010 ad oggi.  
International REM sleep Behaviour Disorders Study Group: Membro dal 2005 ad oggi.  
Dal 2011 ad oggi: membro del Brighton Collaboration Narcolepsy Working Group.  
International Restless Legs Syndrome Study Group: Membro dal 2012 ad oggi.  
European Narcolepsy Network, Membro dal 2008 ad oggi; Comitato Direttivo dal 2010 al 2013; Vice-Presidente dal 2013 al 2014. Vice-Presidente da maggio 2018.  
European Academy of Neurology (EAN): co-chair nel Pannello della Malattie Neurologiche Rare: da gennaio 2020.

#### **Attività di Reviewer:**

Annals of Neurology; Brain; Chronobiology International; Endocrinology and Metabolism; European Neurology; Journal of Neurology; Journal of Sleep Research; Neurology; PLoS One; Sleep; Sleep Medicine; Sleep Medicine Review; Sleep Research OnLine; Lancet; Lancet Neurology.  
APSS: reviewer annual meeting activities dal 2003 ad oggi.

#### **Membro di Editorial Board:**

Sleep Medicine: Editorial board member dal 2012 ad oggi.  
Sleep Medicine Reviews: Editorial board member dal 2012 ad oggi.  
Frontiers in Neurology: Associate Editor, Sleep and Chronobiology.  
Frontiers in Neurosciences: Associate Editor, Sleep and Circadian Rhythms

#### **Attività divulgativa:**

Ha pubblicato diversi articoli a carattere divulgativo su numerosi giornali, fra i quali: La Repubblica, Il Corriere della Sera, Ok Salute, il Sole 24 ore.  
Ha partecipato a numerose trasmissioni divulgative, culturali e scientifiche, sia televisive che radiofoniche, trattando di Medicina del Sonno.  
Ha pubblicato il libro I tre fratelli che non dormivano mai, marzo 2019, Ed. Il Saggiatore.

Patente di Guida

**B**

## ULTERIORI INFORMAZIONI

Pubblicazioni

### **Dati bibliometrici**

**SCOPUS: LAVORI TOTALI: 467, CITAZIONI TOTALI: 17965, H-INDEX: 67**

**WOS: LAVORI TOTALI: 614, CITAZIONI TOTALI: 14825, H-INDEX: 63**

**GOOGLE SCHOLAR: LAVORI TOTALI: 793, CITAZIONI TOTALI: 22946, H-INDEX: 78**

**Top Italian Scientists CLINICAL SCIENCES: RANKING: 176**

### **Lavori in extenso**



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- 2: Tinuper P, **Plazzi G**, Provini F, Cerullo A, Leonardi M, Agati R, Righini A, Montagna P. Facial asymmetry in partial epilepsies. *Epilepsia*. 1992 Nov-Dec;33(6):1097-100. PubMed PMID: 1464270.
- 3: Tinuper P, **Plazzi G**, Monari L, Sangiorgi S, Pellissier JF, Cerullo A, Provini F, Capellari S, Baruzzi A, Lugaresi E, et al. Arylsulfatase A pseudodeficiency and Lafora bodies in a patient with progressive myoclonic epilepsy. *Epilepsia*. 1994 Mar-Apr;35(2):332-5. PubMed PMID: 7908874.
- 4: Tinuper P, Montagna P, **Plazzi G**, Avoni P, Cerullo A, Cortelli P, Sforza E, Bonetti EP, Schoch P, Rothstein JD, et al. Idiopathic recurring stupor. *Neurology*. 1994 Apr;44(4):621-5. PubMed PMID: 8164814.
- 5: **Plazzi G**, Tinuper P, Cerullo A, Provini F, Lugaresi E. Occipital lobe epilepsy: a chronic condition related to transient occipital lobe involvement in eclampsia. *Epilepsia*. 1994 May-Jun;35(3):644-7. PubMed PMID: 8026411.
- 6: Montagna P, **Plazzi G**, Cortelli P, Carelli V, Lugaresi E, Barboni P, Fiocchi M. Abnormal lactate after effort in healthy carriers of Leber's hereditary optic neuropathy. *J Neurol Neurosurg Psychiatry*. 1995 May;58(5):640-1. PubMed PMID: 7745422; PubMed Central PMCID: PMC1073505.
- 7: **Plazzi G**, Tinuper P, Montagna P, Provini F, Lugaresi E. Epileptic nocturnal wanderings. *Sleep*. 1995 Nov;18(9):749-56. PubMed PMID: 8638067.
- 8: Tinuper P, Provini F, Marini C, Cerullo A, **Plazzi G**, Avoni P, Baruzzi A. Partial epilepsy of long duration: changing semiology with age. *Epilepsia*. 1996 Feb;37(2):162-4. PubMed PMID: 8635426.
- 9: **Plazzi G**, Montagna P, Provini F, Bizzi A, Cohen M, Lugaresi E. Pontine lesions in idiopathic narcolepsy. *Neurology*. 1996 May;46(5):1250-4. PubMed PMID: 8628461.
- 10: Cortelli P, Pierangeli G, Provini F, **Plazzi G**, Lugaresi E. Blood pressure rhythms in sleep disorders and dysautonomia. *Ann N Y Acad Sci*. 1996 Aug 15;783:204-21. Review. PubMed PMID: 8853643.
- 11: Portaluppi F, Provini F, Cortelli P, **Plazzi G**, Bertozzi N, Manfredini R, Fersini C, Lugaresi E. Undiagnosed sleep-disordered breathing among male nondippers with essential hypertension. *J Hypertens*. 1997 Nov;15(11):1227-33. PubMed PMID: 9383171.
- 12: **Plazzi G**, Schutz Y, Cortelli P, Provini F, Avoni P, Heikkila E, Tinuper P, Solieri L, Lugaresi E, Montagna P. Motor overactivity and loss of motor circadian rhythm in fatal familial insomnia: an actigraphic study. *Sleep*. 1997 Sep;20(9):739-42. PubMed PMID: 9406326.
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- 14: Mochi M, Provini F, **Plazzi G**, Corsini R, Farnedi F, Tinuper P, Valentino ML, Lugaresi E, Montagna P. Genetic heterogeneity in autosomal dominant nocturnal frontal lobe epilepsy. *Ital J Neurol Sci*. 1997 Jun;18(3):183. PubMed PMID: 9241568.
- 15: **Plazzi G**, Corsini R, Provini F, Pierangeli G, Martinelli P, Montagna P, Lugaresi E, Cortelli P. REM sleep behavior disorders in multiple system atrophy. *Neurology*. 1997 Apr;48(4):1094-7. PubMed PMID: 9109907.
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- 23:** Vetrugno R, Meletti S, **Plazzi G**, Posar A, Santucci M, Rossi PG, Lugaresi E, Liguori R. Bilateral centrotemporal spikes triggered by blinking: an unusual form of sensory input with related cortical EEG activity. *Clin Neurophysiol*. 1999 Nov;110(11):1995-9. PubMed PMID: 10576499.
- 24:** Provini F, Montagna P, **Plazzi G**, Lugaresi E. Nocturnal frontal lobe epilepsy: a wide spectrum of seizures. *Mov Disord*. 2000 Nov;15(6):1264. PubMed PMID: 11104218.
- 25:** Vetrugno R, Provini F, **Plazzi G**, Valentino ML, Liguori R, Lugaresi E, Montagna P. Focal myoclonus and propriospinal propagation. *Clin Neurophysiol*. 2000 Dec;111(12):2175-9. PubMed PMID: 11090769.
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- 27:** Liguori R, Donadio V, Foschini E, Di Stasi V, **Plazzi G**, Lugaresi E, Montagna P. Sleep stage-related changes in sympathetic sudomotor and vasomotor skin responses in man. *Clin Neurophysiol*. 2000 Mar;111(3):434-9. PubMed PMID: 10699403.
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- 29:** Rinaldi R, Vignatelli L, D'Alessandro R, Bassein L, Sforza E, **Plazzi G**, Provini F, Lugaresi E. Validation of symptoms related to excessive daytime sleepiness. *Neuroepidemiology*. 2001 Oct;20(4):248-56. PubMed PMID: 11684901.
- 30:** Vetrugno R, Provini F, Meletti S, **Plazzi G**, Liguori R, Cortelli P, Lugaresi E, Montagna P. Propriospinal myoclonus at the sleep-wake transition: a new type of parasomnia. *Sleep*. 2001 Nov 1;24(7):835-43. PubMed PMID: 11683486.
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- 35:** Montagna P, Provini F, **Plazzi G**, Vetrugno R, Gallassi R, Pierangeli G, Ragnò M, Cortelli P, Perani D. Bilateral paramedian thalamic syndrome: abnormal circadian wake-sleep and autonomic functions. *J Neurol Neurosurg Psychiatry*. 2002 Dec;73(6):772-4. PubMed PMID: 12438490; PubMed Central PMCID: PMC1757334.
- 36:** Vignatelli L, **Plazzi G**, Bassein L, Barbato A, De Vincentiis A, Lugaresi E, D'Alessandro R; GIN-SEN. Gruppo Italiano Narcolessia-Studio Epidemiologico Nazionale. ICSD diagnostic criteria for narcolepsy: interobserver reliability. *International Classification of Sleep Disorders*. *Sleep*. 2002 Mar 15;25(2):193-6. PubMed PMID: 11902428.
- 37:** Vetrugno R, Provini F, **Plazzi G**, Lombardi C, Liguori R, Lugaresi E, Montagna P. Familial nocturnal facio-mandibular myoclonus mimicking sleep bruxism. *Neurology*. 2002 Feb 26;58(4):644-7. PubMed PMID: 11865148.

- 38:** Vetrugno R, **Plazzi G**, Provini F, Liguori R, Lugaresi E, Montagna P. Excessive fragmentary hypnic myoclonus: clinical and neurophysiological findings. *Sleep Med.* 2002 Jan;3(1):73-6. PubMed PMID: 14592258.
- 39:** **Plazzi G**, Montagna P, Meletti S, Lugaresi E. Polysomnographic study of sleeplessness and oneiricisms in the alcohol withdrawal syndrome. *Sleep Med.* 2002 May;3(3):279-82. PubMed PMID: 14592220.
- 40:** **Plazzi G**, Montagna P. Remitting REM sleep behavior disorder as the initial sign of multiple sclerosis. *Sleep Med.* 2002 Sep;3(5):437-9. PubMed PMID: 14592179.
- 41:** **Plazzi G**, Vetrugno R, Meletti S, Provini F. Motor pattern of periodic limb movements in sleep in idiopathic RLS patients. *Sleep Med.* 2002 Nov;3 Suppl:S31-4. PubMed PMID: 14592165.
- 42:** Tucci V, Stegagno L, Vandi S, Ferrillo F, Palomba D, Vignatelli L, Ferini-Strambi L, Montagna P, **Plazzi G**. Emotional information processing in patients with narcolepsy: a psychophysiological investigation. *Sleep.* 2003 Aug 1;26(5):558-64. PubMed PMID: 12938808.
- 43:** Vignatelli L, **Plazzi G**, Barbato A, Ferini-Strambi L, Manni R, Pompei F, D'Alessandro R; GINSEN (Gruppo Italiano Narcolessia Studio Epidemiologico Nazionale). Italian version of the Epworth sleepiness scale: external validity. *Neurol Sci.* 2003 Feb;23(6):295-300. PubMed PMID: 12624716.
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- 46:** Lodi R, Tonon C, Vignatelli L, Iotti S, Montagna P, Barbiroli B, **Plazzi G**. In vivo evidence of neuronal loss in the hypothalamus of narcoleptic patients. *Neurology.* 2004 Oct 26;63(8):1513-5. PubMed PMID: 15505179.
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- 48:** Provini F, Vetrugno R, Pastorelli F, Lombardi C, **Plazzi G**, Marliani AF, Lugaresi E, Montagna P. Status dissociatus after surgery for tegmental ponto-mesencephalic cavernoma: a state-dependent disorder of motor control during sleep. *Mov Disord.* 2004 Jun;19(6):719-23. PubMed PMID: 15197719.
- 49:** Tinuper P, Grassi C, Bisulli F, Provini F, **Plazzi G**, Zoni E, Lugaresi E. Split-screen synchronized display. A useful video-EEG technique for studying paroxysmal phenomena. *Epileptic Disord.* 2004 Mar;6(1):27-30. PubMed PMID: 15075065.
- 50:** Barboni P, Savini G, **Plazzi G**, Bellan M, Valentino ML, Zanini M, Montagna P, Hirano M, Carelli V. Ocular findings in mitochondrial neurogastrointestinal encephalomyopathy: a case report. *Graefes Arch Clin Exp Ophthalmol.* 2004 Oct;242(10):878-80. Epub 2004 Mar 24. PubMed PMID: 15042378.
- 51:** Lombardi C, Vetrugno R, Provini F, **Plazzi G**, Pierangeli G, Coccagna G, Lugaresi E, Montagna P, Cortelli P. Harlequin syndrome: an association with overlap parasomnia. *J Neurol Neurosurg Psychiatry.* 2004 Feb;75(2):341-2. PubMed PMID: 14742626; PubMed Central PMCID: PMC1738886.
- 52:** Vetrugno R, Provini F, Cortelli P, **Plazzi G**, Lotti EM, Pierangeli G, Canali C, Montagna P. Sleep disorders in multiple system atrophy: a correlative video-polysomnographic study. *Sleep Med.* 2004 Jan;5(1):21-30. PubMed PMID: 14725823.
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## DATI PERSONALI

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Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

### DICHIARAZIONI SOSTITUTIVE DI CERTIFICAZIONI

(art. 46 D.P.R. n. 445/00)

### DICHIARAZIONI SOSTITUTIVE DELL'ATTO DI NOTORIETA'

(art. 47 D.P.R. n. 445/00)

Il sottoscritto **Plazzi Giuseppe**

consapevole delle sanzioni penali, nel caso di dichiarazioni non veritiere, di formazione o uso di atti falsi, richiamate dall'art. 76 del D.P.R. 445 del 28 dicembre 2000

### DICHIARA:

- di essere in possesso dei titoli e delle pubblicazioni riportate nell'allegato Curriculum;
- che ogni contenuto relativo a titoli, pubblicazioni e attività svolte riportato nel Curriculum allegato è conforme al vero

Bologna, 15/02/2022

il dichiarante

Prof. Giuseppe Plazzi