

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Cognome e nome Baiardi Simone
Nazionalità [REDACTED]
Data e luogo di nascita [REDACTED]

EDUCAZIONE E FORMAZIONE

2019 Dottorato in Scienze Biomediche e Neuromotorie, Università di Bologna, ambito Neurologia
aprile - settembre 2019 Fellowship presso il Department of Pathology and Laboratory Medicine, Indiana University, Indianapolis (IN), USA (supervisore Prof. B. Ghetti)
2017 Specializzazione in Neurologia, Università di Bologna, voto 70/70 con lode
2016 Titolo di "Somnologist", certificato dalla European Sleep Research Society
2011 Titolo di "Esperto in disturbi del sonno", certificato dalla Società Italiana di Medicina del Sonno
2011 Abilitazione professionale all'attività medico-chirurgica (Università di Bologna)
2010 Laurea in Medicina e Chirurgia, Università di Bologna, voto 110/110 con lode
2004 Maturità classica, Liceo V. Monti di Cesena, voto 100/100

ESPERIENZE PROFESSIONALI

novembre 2020 – ad oggi Assegno di ricerca presso il Dipartimento di Medicina Specialistica, Diagnostica e Sperimentale (DIMES), Università di Bologna (supervisore Prof. P. Parchi)
novembre 2019 – ottobre 2020 Assegno di ricerca presso il Dipartimento di Scienze Biomediche e Neuromotorie (DIBINEM), Università di Bologna (supervisore Dott.ssa S. Capellari)
aprile - maggio 2019 Incarico di lavoro autonomo occasionale, progetto "Caratterizzazione del sonno notturno e dei suoi disturbi nei pazienti affetti da malattie neurodegenerative", U.O. Neurologia, Policlinico S. Orsola-Malpighi, Bologna (supervisore Prof. P. Cortelli)
novembre 2017 - novembre 2018 Contratto di collaborazione coordinata e continuativa, progetto "Depressione perinatale: cronobiologia, fattori di rischio sonno-relati e luce-terapia", U.O. Neurologia, Policlinico S. Orsola-Malpighi, Bologna (supervisore Prof. F. Cirignotta, Prof. E. Franzoni)
aprile - luglio 2012 Incarico libero professionale, progetto "titolazione di CPAP con dispositivi AutoCPAP in pazienti con OSAS" presso il centro di medicina del sonno – UO Neurologia – Policlinico S. Orsola-Malpighi, Bologna (supervisore Prof. F. Cirignotta)
giugno – luglio 2010 Sostituzione di professionisti in medicina generale, Castenaso, Bologna

1. Pizza F, Contardi S, Baiardi S, Mondini S, Cirignotta F. On the road for a single and reliable objective assessment of sleepiness. *Sleep*. 2012 Oct 1;35(10):1323.
2. Baiardi S, Pizza F, Vandi S, Franceschini C, Vigo A, Cipolli C, Tuozi G, Liguori R, Plazzi G. Cataplectic attacks during rapid eye movement sleep behaviour disorder episodes in a narcoleptic patient. *Sleep Med*. 2014 Feb;15(2):273-5.
3. Giganti F, Guidi S, Aboudan S, Baiardi S, Mondini S, Cirignotta F, Salzarulo P. Sleep-readiness signals in insomniacs and good sleepers. *J Health Psychol*. 2014 Jun 8. pii: 1359105314535124.
4. Baiardi S, Antelmi E, Filardi M, Pizza F, Vandi S, Veggiotti P, Liguori R, Plazzi G. Remitting Tics and Narcolepsy Overlap Associated with Streptococcal Infection: A Case Report. *Movement Disorder Clinical Practice*, 2014, Dec Vol 1 Issue 4:374-376
5. Baiardi S, La Morgia C, Mondini S, Cirignotta F. A restless abdomen and propriospinal myoclonus like at sleep onset: an unusual overlap syndrome. *BMJ Case Rep*. 2015 Mar 27;2015. pii: bcr2014206679. doi: 10.1136/bcr-2014-206679.
6. Baiardi S, Provini F, Avoni P, Pasquinelli M, Liguori R. Immunotherapy of oneiric stupor in Morvan syndrome: Efficacy documented by actigraphy. *Neurology*. 2015 Jun 16;84(24):2457-9.
7. Baiardi S, Vandi S, Pizza F, Alvisi L, Toscani L, Zambrelli E, Tinuper P, Mayer G, Plazzi G. Narcolepsy Type 1 and Idiopathic Generalized Epilepsy: Diagnostic and Therapeutic Challenges in Dual Cases. *J Clin Sleep Med*. 2015 Nov 15;11(11):1257-62.
8. Baiardi S, Capellari S, Ladogana A, Strumia S, Santangelo M, Pocchiari M, Parchi P. Revisiting the Heidenhain Variant of Creutzfeldt-Jakob Disease: Evidence for Prion Type Variability Influencing Clinical Course and Laboratory Findings. *J Alzheimers Dis*. 2015 Dec 1;50(2):465-76.
9. Baiardi S, Magherini A, Capellari S, Redaelli V, Ladogana A, Rossi M, Tagliavini F, Pocchiari M, Giaccone G, Parchi P. Towards an early clinical diagnosis of sporadic CJD VV2 (ataxic type). *J Neurol Neurosurg Psychiatry*. 2017 Jul 1. pii: jnnp-2017-315942.
10. Baiardi S, Gobbi R, Sorrenti G. An Objective Drug-Induced Sedation Endoscopy Data Capture and Analysis System-Reply. *JAMA Otolaryngol Head Neck Surg*. 2017 Jun 22.
11. Giannoccaro MP, Bartoletti-Stella A, Piras S, Pession A, De Massis P, Oppi F, Stanzani-Maserati M, Pasini E, Baiardi S, Avoni P, Parchi P, Liguori R, Capellari S. Multiple variants in families with amyotrophic lateral sclerosis and frontotemporal dementia related to C9orf72 repeat expansion: further observations on their oligogenic nature. *J Neurol*. 2017 Jul;264(7):1426-1433.
12. Gobbi R, Baiardi S, Mondini S, Cerritelli L, Piccin O, Scaramuzzino G, Milano F, Melotti MR, Mordini F, Pirodda A, Cirignotta F, Sorrenti G. Technique and Preliminary Analysis of Drug-Induced Sleep Endoscopy With Online Polygraphic Cardiorespiratory Monitoring in Patients With Obstructive Sleep Apnea Syndrome. *JAMA Otolaryngol Head Neck Surg*. 2017 May 1;143(5):459-465.
13. Lattanzio F, Abu-Rumeileh S, Franceschini A, Kai H, Amore G, Poggiolini I, Rossi M, Baiardi S, McGuire L, Ladogana A, Pocchiari M, Green A, Capellari S, Parchi P. Prion-specific and surrogate CSF biomarkers in Creutzfeldt-Jakob disease: diagnostic accuracy in relation to molecular subtypes and analysis of neuropathological correlates of p-tau and Aβ42 levels. *Acta Neuropathol*. 2017 Apr;133(4):559-578.
14. Naldi F, Baiardi S, Guarino M, Spinardi L, Cirignotta F, Stracciari A. Posterior hippocampal stroke presenting with transient global amnesia. *Neurocase*. 2017 Feb;23(1):22-25.
15. Baiardi S, Cirignotta F, Cicolin A, Garbazza C, D'Agostino A, Gambini O, Giordano A, Canevini M, Zambrelli E, Marconi AM, Mondini S, Borgwardt S, Cajochen C, Rizzo N, Manconi M. Chronobiology, sleep-related risk factors and light therapy in perinatal depression: the "Life-ON" project. *BMC Psychiatry*. 2016 Nov 4;16(1):374.

16. Baiardi S, Cirignotta F. The clinical diagnosis of Obstructive Sleep Apnea Syndrome (OSAS). *Med Lav.* 2017 Aug 28;108(4):267-275.
17. Baiardi S, Mondini S, Baldi Antognini A, Santoro A, Cirignotta F. Survival of Dialysis Patients with Restless Legs Syndrome: A 15-Year Follow-Up Study. *Am J Nephrol.* 2017;46(3):224-230.
18. Franceschini A, Baiardi S, Hughson AG, McKenzie N, Moda F, Rossi M, Capellari S, Green A, Giaccone G, Caughey B, Parchi P. High diagnostic value of second generation CSF RT-QuIC across the wide spectrum of CJD prions. *Sci Rep.* 2017 Sep 6;7(1):10655.
19. Baiardi S, La Morgia C, Sciamanna L, Gerosa A, Cirignotta F, Mondini S. Is the Epworth Sleepiness Scale a useful tool for screening excessive daytime sleepiness in commercial drivers? *Accid Anal Prev.* 2018 Jan;110:187-189.
20. Rossi M, Saverioni D, Di Bari M, Baiardi S, Lemstra AW, Pirisinu L, Capellari S, Rozemuller A, Nonno R, Parchi P. Atypical Creutzfeldt-Jakob disease with PrP-amyloid plaques in white matter: molecular characterization and transmission to bank voles show the M1 strain signature. *Acta Neuropathol Commun.* 2017 Nov 23;5(1):87.
21. Bartoletti-Stella A, Baiardi S, Stanzani-Maserati M, Piras S, Caffarra P, Raggi A, Pantieri R, Baldassari S, Caporali L, Abu-Rumeileh S, Linarello S, Liguori R, Parchi P, Capellari S. Identification of rare genetic variants in Italian patients with dementia by targeted gene sequencing. *Neurobiol Aging.* 2018 Jun;66:180.e23-180.e31
22. Gramegna LL, Evangelisti S, Testa C, Baiardi S, Mitolo M, Capellari S, Stracciari A, Poda R, Di Stasi V, Cretella L, Lodi R, Tonon C, Liguori R. Cognitive Rehabilitation and Transcranial Direct Current Stimulation in a Patient with Posterior Cortical Atrophy: An fMRI Study. *Am J Case Rep.* 2018 Jun 21;19:729-733.
23. Capellari S, Baiardi S, Rinaldi R, Bartoletti-Stella A, Graziano C, Piras S, Calandra-Buonaura G, D'Angelo R, Terziotti C, Lodi R, Donadio V, Pironi L, Cortelli P, Parchi P. Two novel PRNP truncating mutations broaden the spectrum of prion amyloidosis. *Ann Clin Transl Neurol.* 2018 Apr 26;5(6):777-783.
24. Baiardi S, Capellari S, Bartoletti Stella A, Parchi P. Unusual Clinical Presentations Challenging the Early Clinical Diagnosis of Creutzfeldt-Jakob Disease. *J Alzheimers Dis.* 2018;64(4):1051-1065.
25. Abu-Rumeileh S, Redaelli V, Baiardi S, Mackenzie G, Windl O, Ritchie DL, Didato G, Hernandez-Vara J, Rossi M, Capellari S, Imperiale D, Rizzone MG, Belotti A, Sorbi S, Rozemuller AJM, Cortelli P, Gelpi E, Will RG, Zerr I, Giaccone G, Parchi P. Sporadic Fatal Insomnia in Europe: Phenotypic Features and Diagnostic Challenges. *Ann Neurol.* 2018 Sep;84(3):347-360.
26. Abu-Rumeileh S, Baiardi S, D'Angelo R, Dentale N, Fasulo G, Guarino M, Parchi P. Clinical Reasoning: Rapidly progressive dementia in a patient with HIV after an exotic journey. *Neurology.* 2018 Oct 2;91(14):e1360-e1364.
27. Baiardi S, Redaelli V, Ripellino P, Rossi M, Franceschini A, Moggio M, Sola P, Ladogana A, Fociani P, Magherini A, Capellari S, Giese A, Caughey B, Caroppo P, Parchi P. Prion-related peripheral neuropathy in sporadic Creutzfeldt-Jakob disease. *J Neurol Neurosurg Psychiatry.* 2018 Oct 24. pii: jnnp-2018-319221.
28. Bartoletti-Stella A, Corrado P, Mometto N, Baiardi S, Durrenberger PF, Arzberger T, Reynolds R, Kretschmar H, Capellari S, Parchi P. Analysis of RNA Expression Profiles Identifies Dysregulated Vesicle Trafficking Pathways in Creutzfeldt-Jakob Disease. *Mol Neurobiol.* 2018 Nov 16. doi: 10.1007/s12035-018-1421-1.
29. Baiardi S, Abu-Rumeileh S, Rossi M, Zenesini C, Bartoletti-Stella A, Polisch B, Capellari S, Parchi P. Antemortem CSF A β 42/A β 40 ratio predicts Alzheimer's pathology better than A β 42 in rapidly progressive dementias. *Ann Clin Transl Neurol.* 2018 Dec 14;6(2):263-273
30. Baiardi S, Rossi M, Capellari S, Parchi P. Recent advances in the histo-molecular pathology of human prion disease. *Brain Pathol.* 2019 Mar;29(2):278-300.

31. Rizzi R, Fisicaro F, Zangrandi A, Ghidoni E, Baiardi S, Ragazzi M, Parchi P. Sudden cardiac death in a patient with LGI1 antibody-associated encephalitis. *Seizure*. 2019 Feb;65:148-150.
32. Tiple D, Pileggi A, Mellina V, Morocutti A, Brusa L, Iani C, Colaizzo E, Vaianella L, Baiardi S, Ladogana A, Parchi P, Pocchiari M. Clinicopathological features of the rare form of Creutzfeldt-Jakob disease in R208H-V129V PRNP carrier. *Acta Neuropathol Commun*. 2019 Mar 21;7(1):47.
33. Rossi M, Baiardi S, Parchi P. Understanding Prion Strains: Evidence from Studies of the Disease Forms Affecting Humans. *Viruses*. 2019 Mar 29;11(4).
34. Rossi M, Kai H, Baiardi S, Bartoletti-Stella A, Carlà B, Zenesini C, Capellari S, Kitamoto T, Parchi P. The characterization of AD/PART co-pathology in CJD suggests independent pathogenic mechanisms and no cross-seeding between misfolded A β and prion proteins. *Acta Neuropathol Commun*. 2019 Apr 8;7(1):53.
35. Baiardi S, Mondini S. Inside the clinical evaluation of sleepiness: subjective and objective tools. *Sleep Breath*. 2019 May 29.
36. Abu-Rumeileh S, Baiardi S, Polischi B, Mammana A, Franceschini A, Green A, Capellari S, Parchi P. Diagnostic value of surrogate CSF biomarkers for Creutzfeldt-Jakob disease in the era of RT-QuIC. *J Neurol*. 2019 Sep 20.
37. Baiardi S, Pizza F, Polischi B, Moresco M, Abu-Rumeileh S, Plazzi G, Parchi P. Cerebrospinal fluid biomarkers of neurodegeneration in narcolepsy type 1. *Sleep* 2019 Sep 25.
38. Bongiani M, Ladogana A, Capaldi S, Klotz S, Baiardi S, Cagnin A, Perra D, Fiorini M, Pileggi A, Legname G, Cattaruzza T, Janes F, Caughey B, Tabaton M, Ghetti B, Monaco S, Kovacs G, Parchi P, Pocchiari M, Zanusso G. Positive α -synuclein RT-QuIC assay in the CSF of patients with Dementia with Lewy bodies and other dementias with α -synuclein co-pathology. *Ann Clin Transl Neurol* 2019 Oct;6(10):2120-2126
39. Abu-Rumeileh S, Steinacker P, Polischi B, Mammana A, Bartoletti-Stella A, Oeckl P, Baiardi S, Zenesini C, Huss A, Cortelli P, Capellari S, Otto M, Parchi P. CSF biomarkers of neuroinflammation in distinct forms and subtypes of neurodegenerative dementia. *Alzheimers Res Ther*. 2019 Dec 31;12(1):2.
40. Mammana A, Baiardi S, Rossi M, Franceschini A, Donadio V, Capellari S, Caughey B, Parchi P. Detection of prions in skin punch biopsies of Creutzfeldt-Jakob disease patients. *Ann Clin Transl Neurol*. 2020 Apr;7(4):559-564.
41. Abu-Rumeileh S, Oeckl P, Baiardi S, Halbgebauer S, Steinacker P, Capellari S, Otto M, Parchi P. CSF Ubiquitin Levels Are Higher in Alzheimer's Disease than in Frontotemporal Dementia and Reflect the Molecular Subtype in Prion Disease. *Biomolecules*. 2020 Mar 25;10(4):497.
42. Baiardi S, Rizzi R, Capellari S, Bartoletti-Stella A, Zangrandi A, Gasparini F, Ghidoni E, Parchi P. Gerstmann-Sträussler-Scheinker disease (PRNP p.D202N) presenting with atypical parkinsonism. *Neurol Genet*. 2020 Feb 14;6(2):e400.
43. 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.
44. Bartoletti-Stella A, De Pasqua S, Baiardi S, Bartolomei I, Mengozzi G, Orio G, Pastorelli F, Piras S, Poda R, Raggi A, Maserati MS, Tarozzi M, Liguori R, Salvi F, Parchi P, Capellari S. Characterization of novel progranulin gene variants in Italian patients with neurodegenerative diseases. *Neurobiol Aging*. 2020 May 13:S0197-4580(20)30156-1.
45. Candelise N, Baiardi S, Franceschini A, Rossi M, Parchi P. Towards an improved early diagnosis of neurodegenerative diseases: the emerging role of in vitro conversion assays for protein amyloids. *Acta Neuropathol Commun*. 2020 Jul 25;8(1):117.

INTERESSI DI RICERCA

46. Abu-Rumeileh S, Baiardi S, Ladogana A, Zenesini C, Bartoletti-Stella A, Poleggi A, Mammana A, Polischi B, Pocchiarri M, Capellari S, Parchi P. Comparison between plasma and cerebrospinal fluid biomarkers for the early diagnosis and association with survival in prion disease. *J Neurol Neurosurg Psychiatry*. 2020 Sep 14;jnnp-2020-323826.
47. Mammana A, Baiardi S, Quadalti C, Rossi M, Donadio V, Capellari S, Liguori R, Parchi P. RT-QuIC Detection of Pathological α -Synuclein in Skin Punches of Patients with Lewy Body Disease. *Mov Disord*. 2021 May 18. doi: 10.1002/mds.28651.
48. Rossi M, Baiardi S, Teunissen CE, Quadalti C, van de Beek M, Mammana A, Maserati MS, Van der Flier WM, Sambati L, Zenesini C, Caughey B, Capellari S, Lemstra A, Parchi P. Diagnostic Value of the CSF α -Synuclein Real-Time Quaking-Induced Conversion Assay at the Prodromal MCI Stage of Dementia With Lewy Bodies. *Neurology*. 2021 Jul 1;10.1212/WNL.0000000000012438. doi: 10.1212/WNL.0000000000012438.
49. Mastrangelo A, Baiardi S, Zenesini C, Poleggi A, Mammana A, Polischi B, Ladogana A, Capellari S, Parchi P. Diagnostic and prognostic performance of CSF α -synuclein in prion disease in the context of rapidly progressive dementia. *Alzheimers Dement (Amst)*. 2021 Jun 29;13(1):e12214.

Due capitoli nel libro "Gestione odontoiatrica del paziente con sindrome delle apnee ostruttive nel sonno. Manuale pratico", F. Milano et al. 2018. EdizioniEdra.

- Malattie da prioni e manifestazioni ipnologiche nelle malattie neurodegenerative
- Correlazioni clinico-patologiche nelle demenze neurodegenerative

LINGUA MADRE

Italiano

ALTRE LINGUE CONOSCIUTE

Inglese

Ravenna, 14/02/2022