

## PERSONAL INFORMATION

## Valerio Brunetti

Work Address: Institute of Neurology, Fondazione Policlinico Universitario A. Gemelli IRCCS – Largo A. Gemelli 8, Rome, 00168, Italy



## WORK EXPERIENCE

01/05/2019 - ongoing

**Neurologist**

Fondazione Policlinico Universitario A. Gemelli IRCCS - Rome, Italy

Role:

- Vascular Neurologist at the Stroke Unit
- Neurologist at the Sleep Medicine Clinic

01/06/2019 – ongoing

**Sub-investigator in a clinical trial**

Fondazione Policlinico Universitario A. Gemelli IRCCS - Rome, Italy

Role:

- Sub-investigator of the clinical trial: “A Phase 4 Randomized Clinical Trial of Andexanet Alfa [Andexanet Alfa for Injection] in Acute Intracranial Hemorrhage in Patients Receiving an Oral Factor Xa Inhibitor”. PI: Dr. Giacomo Della Marca

01/04/2018 – ongoing

**Sub-investigator in a clinical trial**

Fondazione Policlinico Universitario A. Gemelli IRCCS - Rome, Italy

Role:

- Sub-investigator of the clinical trial: “A 5-year multi-center, observational post-authorization to document the utilization 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” PI: Dr. Giacomo Della Marca

01/06/2017 – 31/12/2018

**Sub-investigator and study coordinator in a clinical trial**

Fondazione Policlinico Universitario A. Gemelli IRCCS - Rome, Italy

Role:

- Sub-investigator and study coordinator of the clinical trial: “A Long-Term Multicenter, Randomized, Double-Blind, Controlled, Parallel Group Study of the Safety and Efficacy of Lemborexant in Subjects With Insomnia Disorder” PI: Dr. Giacomo Della Marca

01/03/2019 – 30/04/2019

**Research Fellow**

Università Cattolica del Sacro Cuore – Rome, Italy

Role:

Clinical Research on the project entitled: “Disautonomia in veglia ed in sonno nello stroke acuto”

01/08/2018 – 09/09/2019

**Neurologist**

Fondazione Santa Lucia IRCCS - Rome, Italy

Role:

- Neurologist at the Neurorehabilitation and Post-Coma Unit

15/09/2018 – 30/04/2019 **Neurologist**  
 Merry House Hospital – Rome, Italy  
 Role:  
 ▪ Consultant Neurologist at the Internal Medicine Department  
 ▪ Neurologist at the neurology outpatient clinic

15/09/2018 – 30/04/2019 **Neurologist**  
 AIRRI – Bracciano, Italy  
 Role:  
 ▪ Neurologist at the Neurorehabilitation Unit

15/09/2018 – 30/04/2019 **Neurologist**  
 Nomentana Hospital – Rome, Italy  
 Role:  
 ▪ Neurologist at the Sleep Medicine Unit

**EDUCATION AND TRAINING**

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18/07/2012 **Doctor of Medicine, 110/110 magna cum laude**  
 Università Cattolica del Sacro Cuore - Roma  
 ▪ Thesis: “Le alterazioni del sonno nella malattia di Alzheimer e nel Mild Cognitive Impairment”

19/07/2018 **Specialization in Neurology, 50/50 magna cum laude**  
 Università Cattolica del Sacro Cuore - Roma  
 ▪ Thesis: “Autonomic nervous system modifications during wakefulness and sleep in a cohort of patients with acute ischemic stroke”

01/07/2004 **Scientific High School Diploma, 90/100**  
 Liceo Scientifico A. Romita – Campobasso

January 2010 – August 2013 **Internship at the Neurology Department**  
 Stroke Unit, EEG Laboratory, Sleep Medicine Clinic  
 Università Cattolica del Sacro Cuore - Fondazione Policlinico Universitario A. Gemelli - Roma

01/11/2023 - ongoing **PhD Candidate in Neurosciences**  
 Università Cattolica del Sacro Cuore - Roma

**PERSONAL SKILLS**

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Mother tongue Italian  
 Other Languages English

Communication skills Good communication skills gained through my experience as doctor; compassion and a good bedside manner.

Organisational / managerial skills Leading a Stroke Team in the management of acute stroke patients; leading a Sleep Medicine Unit; teaching and supervising trainee doctors; local coordinator and investigator of clinical trial.

Job-related skills	Ability to work long hours, often under pressure; ability to solve problems under pressure; time management; effective decision-making skills; undertaking patient consultations and physical and neurological examinations; monitoring and administering medication; assessing and planning treatment requirements; liaising daily with staff including other doctors, non-medical management staff and healthcare professionals; writing electro-encephalographic and polysomnographic reports and maintaining records; drive to continue learning throughout career.
Digital skills	Excellent knowledge of Windows OS, Office, Android OS, Apple OS, Photoshop, SPSS statistics.
Driving licence	B

## PUBLICATIONS

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- 1) Title: Transient epileptic amnesia: clinical report of a cohort of patients.  
Lapenta L, **Brunetti V**, Losurdo A, Testani E, Giannantoni NM, Quaranta D, Di Lazzaro V, Della Marca G.  
Journal: Clinical EEG and Neuroscience. 2014 Jul;45(3):179-83. PMID: 24214286  
Role: co-author
- 2) Title: Polysomnographic findings in a cohort of chronic insomnia patients with benzodiazepine abuse.  
Mazza M, Losurdo A, Testani E, Marano G, Di Nicola M, Dittoni S, Gnoni V, Di Blasi C, Giannantoni NM, Lapenta L, **Brunetti V**, Bria P, Janiri L, Mazza S, Della Marca G.  
Journal: Journal of Clinical Sleep Medicine. 2014 Jan 15;10(1):35-42. doi: 10.5664/jcsm.3354. PMID: 24426818  
Role: co-author
- 3) Title: Rivastigmine for refractory REM behavior disorder in mild cognitive impairment.  
**Brunetti V**, Losurdo A, Testani E, Lapenta L, Mariotti P, Marra C, Rossini PM, Della Marca G.  
Journal: Current Alzheimer Research . 2014 Mar;11(3):267-73. PMID: 24597506  
Role: first author, corresponding author
- 4) Title: Teaching NeuroImages: Autosomal dominant leukodystrophy in a sporadic case.  
**Brunetti V**, Ferilli MA, Nociti V, Silvestri G.  
Journal: Neurology. 2014 Sep 16;83(12):e121. doi: 10.1212/WNL.0000000000000803. PMID: 25224534  
Role: first author, corresponding author
- 5) Title: Super-Refractory Status Epilepticus: Report of a Case and Review of the Literature.  
Lapenta L, Frisullo G, Vollono C, **Brunetti V**, Giannantoni NM, Sandroni C, Di Lella G, Della Marca G.  
Journal: Clinical EEG and Neuroscience. 2015 Oct;46(4):335-9. doi: 10.1177/1550059414534418. Epub 2014 Sep 24.  
Review. PMID: 25258428  
Role: co-author
- 6) Title: Hyperventilation in Patients With Focal Epilepsy: Electromagnetic Tomography, Functional Connectivity and Graph Theory - A Possible Tool in Epilepsy Diagnosis?  
Mazzucchi E, Vollono C, Losurdo A, Testani E, Gnoni V, Di Blasi C, Giannantoni NM, Lapenta L, **Brunetti V**, Della Marca G.  
Journal: Journal of Clinical Neurophysiology. 2017 Jan;34(1):92-99. doi: 10.1097/WNP.0000000000000329. PMID: 27490325  
Role: co-author
- 7) Title: Evaluation of pharyngeal muscle activity through nasopharyngeal surface electromyography in a cohort of dysphagic patients with acute ischaemic stroke.  
Giannantoni NM, Minisci M, **Brunetti V**, Scarano E, Testani E, Vollono C, De Corso E, Bastanza G, D'Alatri L, Della Marca G.  
Journal: Acta Otorhinolaryngologica Italica. 2016 Aug;36(4):295-299. doi: 10.14639/0392-100X-1124. PMID: 27734982  
Role: co-author
- 8) Title: Post-Encephalitic Parkinsonism and Sleep Disorder Responsive to Immunological Treatment: A Case Report.  
**Brunetti V**, Testani E, Iorio R, Frisullo G, Luigetti M, Di Giuda D, Marca GD.  
Journal: Clinical EEG and Neuroscience. 2016 Oct;47(4):324-329. Epub 2016 Apr 25. PMID: 27118763  
Role: first author, corresponding author
- 9) Title: Sleep and fatigue in multiple sclerosis: A questionnaire-based, cross-sectional, cohort study.

Nociti V, Losavio FA, Gnoni V, Losurdo A, Testani E, Vollono C, Frisullo G, **Brunetti V**, Mirabella M, Della Marca G.  
 Journal: Journal of Neurological Sciences. 2017 Jan 15;372:387-392. doi: 10.1016/j.jns.2016.10.040. Epub 2016 Oct 27.  
 PMID: 27823835  
 Role: co-author

10) Title: Response to the letter to the Editor for the manuscript "Sleep and Fatigue in Multiple Sclerosis: A questionnaire-based, cross-sectional, cohort study" by Tomoyuki Kawada.  
 Nociti V, Losavio FA, Gnoni V, Losurdo A, Testani E, Vollono C, Frisullo G, **Brunetti V**, Mirabella M, Della Marca G.  
 Journal: Journal of Neurological Sciences. 2017 Feb 15;373:142. doi: 10.1016/j.jns.2016.12.048. Epub 2016 Dec 24. No abstract available. PMID: 28131172  
 Role: co-author

11) Title: Left hemispheric status epilepticus with crossed cerebellar diaschisis.  
 Ferilli MAN, **Brunetti V**, Costantini EM, Della Marca G.  
 Journal: Journal of Neurology, Neurosurgery and Psychiatry. 2018 Mar;89(3):311-312. doi: 10.1136/jnnp-2017-315930.  
 Epub 2017 May 8. No abstract available. PMID: 28483797  
 Role: co-author

12) Title: Dysphagia and Obstructive Sleep Apnea in Acute, First-Ever, Ischemic Stroke.  
 Losurdo A, **Brunetti V**, Broccolini A, Caliandro P, Frisullo G, Morosetti R, Pilato F, Profice P, Giannantoni NM, Sacchetti ML, Testani E, Vollono C, Della Marca G.  
 Journal: Journal of Stroke and Cerebrovascular Diseases. 2018 Mar;27(3):539-546. doi: 10.1016/j.jstrokecerebrovasdis.2017.09.051. Epub 2017 Oct 23. PMID: 29074066  
 Role: co-author, corresponding author

13) Title: Sleep apneas trigger epilepsy.  
**Brunetti V**, Ferilli MAN, Vollono C, Della Marca G.  
 Journal: Sleep Medicine. 2017 Nov;39:23-24. doi: 10.1016/j.sleep.2017.08.014. Epub 2017 Sep 22. No abstract available. PMID: 29157583  
 Role: first author, corresponding author

14) Title: Wake-Up Right-Sided Hemiparesis and Dysarthria in a Heavy Snorer.  
**Brunetti V**, Ferilli MAN, Vollono C, Di Franco A, Della Marca G.  
 Journal: Chest. 2018 Jan;153(1):e13-e17. doi: 10.1016/j.chest.2017.08.006. PMID: 29307434  
 Role: first author, corresponding author

15) Title: Response to Binar et al "Comment on 'Dysphagia and Obstructive Sleep Apnea in Acute, First-Ever, Ischemic Stroke'".  
**Brunetti V**, Losurdo A, Testani E, Vollono C, Della Marca G.  
 Journal: Journal of Stroke and Cerebrovascular Diseases. 2018 Mar;27(3):824. doi: 10.1016/j.jstrokecerebrovasdis.2017.12.034. Epub 2018 Jan 17. No abstract available. PMID: 29373225  
 Role: first author, corresponding author

16) Title: Teaching NeuroImages: A cutaneous vascular malformation hides giant cerebral aneurysms.  
**Brunetti V**, Ferilli MAN, Morosetti R, Della Marca G.  
 Journal: Neurology. 2018 Apr 10;90(15):e1362-e1363. doi: 10.1212/WNL.0000000000005304. No abstract available. PMID: 29632121  
 Role: first author, corresponding author

17) Title: Abnormal EEG Power Spectra in Acute Transient Global Amnesia: A Quantitative EEG Study.  
 Imperatori C, Farina B, Todini F, Di Blasi C, Mazzucchi E, **Brunetti V**, Della Marca G.  
 Journal: Clinical EEG and Neurosciences. 2018 Jun 1:1550059418780780. doi: 10.1177/1550059418780780. PMID: 29877098  
 Role: co-author

18) Title: Endovascular therapy for acute ischemic stroke: which role for neurologists?  
 Iodice F, **Brunetti V**, Nicolini E, Paolucci M, Di Lorenzo F.  
 Journal: Neurological Sciences. 2019 Feb 15. doi: 10.1007/s10072-019-03759-w. PMID: 30771024  
 Role: co-author

19) Title: Prevalence and predictor factors of respiratory impairment in a large cohort of patients with Myotonic Dystrophy type 1 (DM1): A retrospective, cross sectional study.  
 Rossi S, Della Marca G, Ricci M, Perna A, Nicoletti TF, **Brunetti V**, Meleo E, Calvello M, Petrucci A, Antonini G, Bucci E, Licchelli L, Sanricca C, Massa R, Rastelli E, Botta A, Di Muzio A, Romano S, Garibaldi M, Silvestri G.  
 Journal: Journal of Neurological Sciences. 2019 Feb 7;399:118-124. doi: 10.1016/j.jns.2019.02.012. PMID: 30798109  
 Role: co-author

- 20) Title: Autonomic Nervous System Modifications During Wakefulness and Sleep in a Cohort of Patients with Acute Ischemic Stroke.  
**Brunetti V**, Vollono C, Testani E, Pilato F, Della Marca G.  
Journal: Journal of Stroke and Cerebrovascular Disease. 2019 Mar 29. pii: S1052-3057(19)30118-1. doi: 10.1016/j.jstrokecerebrovasdis.2019.03.023.  
Role: first author, corresponding author
- 21) Title: Reply to the letter entitled "Predictors of respiratory impairment in patients with myotonic dystrophy type 1".  
Rossi S, Della Marca G, Ricci M, Perna A, Nicoletti TF, **Brunetti V**, Meleo E, Calvello M, Petrucci A, Antonini G, Bucci E, Licchelli L, Sancricca C, Massa R, Rastelli E, Botta A, Di Muzio A, Romano S, Garibaldi M, Silvestri G.  
Journal: Journal of Neurological Sciences. 2019 May 24. pii: S0022-510X(19)30241-2. doi: 10.1016/j.jns.2019.05.025.  
[Epub ahead of print] No abstract available.  
Role: co-author
- 22) Title: Immunotherapy improves sleep disorder and cognitive impairment in autoimmune encephalopathy associated with IgLON5-IgG  
**Brunetti V**, Della Marca G, Spagni G, Iorio R.  
Journal: Neurology: Neuroimmunology and Neuroinflammation. Jul 2019, 6 (4) e577; DOI: 10.1212/NXI.0000000000000577  
Role: first author
- 23) Title: Fahr's syndrome in a sporadic case.  
**Brunetti V**, Ferilli MAN, Luigetti M  
Journal: Neurology India. 2019 Nov-Dec;67(6):1573-1574. doi: 10.4103/0028-3886.273636.  
Role: first author, corresponding author
- 24) Title: Abnormal Circadian Modification of A $\delta$ -Fiber Pathway Excitability in Idiopathic Restless Legs Syndrome.  
Vollono C, Della Marca G, Testani E, Losurdo A, Virdis D, Ferraro D, **Brunetti V**, Rossini PM, Le Pera D, Mazza S, Valeriani M.  
Journal: Pain Research and Management . 2019 Nov 3;2019:5408732. doi: 10.1155/2019/5408732. eCollection 2019.  
Role: co-author
- 25) Title: Subclinical epileptiform activity during sleep in Alzheimer's disease and mild cognitive impairment.  
**Brunetti V**, D'Atri A, Della Marca G, Vollono C, Marra C, Vita MG, Scarpelli S, De Gennaro L, Rossini PM.  
Journal: Clinical Neurophysiology. 2020 May;131(5):1011-1018. doi: 10.1016/j.clinph.2020.02.015. Epub 2020 Mar 5.  
Role: first author, corresponding author
- 26) Title: Restless legs syndrome: A new comorbidity in idiopathic pulmonary fibrosis  
Francesco Varone, Ludovica Friello, Chiara Di Blasi, Giacomo Sgalla, Marco Luigetti, Bruno Iovene, Luca Richeldi, Giacomo Della Marca, **Valerio Brunetti**.  
Journal: Respiratory Medicine. Volume 170, 105982, AUGUST 01, 2020.DOI:<https://doi.org/10.1016/j.rmed.2020.105982>  
Role: last author
- 27) Title: An Italian Neurology Outpatient Clinic Facing SARS-CoV-2 Pandemic: Data From 2,167 Patients  
Carla Piano, Enrico Di Stasio, Guido Primiano, Delfina Janiri, Marco Luigetti, Giovanni Frisullo, Catello Vollono, Matteo Lucchini, **Valerio Brunetti**, Mauro Monforte, Valeria Guglielmi, Giacomo Della Marca, Amelia Evoli, Camillo Marra, Massimiliano Mirabella, Davide Quaranta, Enzo Ricci, Serenella Servidei, Gabriella Silvestri, Simone Bellavia, Sara Bortolani, Francesco Bove, Riccardo Di Iorio, Andrea Di Paolantonio, Danilo Genovese, Tamara Ialongo, Maria Rita Lo Monaco, Jessica Marotta, Agata Katia Patanella, Alessia Perna, Martina Petracca, Giorgia Presicce, Vittorio Riso, Eleonora Rollo, Angela Romano, Marina Romozzi, Cristina Sancricca, Irene Scala, Gregorio Spagni, Marcella Solito, Luca Tricoli, Paola Zinzi, Paolo Calabresi, Anna Rita Bentivoglio  
Journal: Frontiers in Neurology. 2020 May 29;11:564. doi: 10.3389/fneur.2020.00564. eCollection 2020.PMID: 32574249  
Role: co-author
- 28) Title: Sleep-disordered breathing in adult patients with mitochondrial diseases: a cohort study.  
Guido Primiano, **Valerio Brunetti**, Catello Vollono, Anna Losurdo, Rossana Moroni, Giacomo Della Marca, and Serenella Servidei.  
Journal: Neurology. 2020 Oct 6:10.1212/WNL.0000000000011005. doi: 10.1212/WNL.0000000000011005. Online ahead of print.PMID: 33024021  
Role: co-author
- 29) Title: Clinical Reasoning: A 71-year-old man presenting with acute onset dysarthria and dysphagia  
Gregorio Spagni, Luca Tricoli, Anna Modoni, Mauro Monforte, Giacomo Della Marca, and **Valerio Brunetti**.  
Journal: Neurology. 2020 Sep 11:10.1212/WNL.0000000000010816. doi: 10.1212/WNL.0000000000010816. Online ahead of print.PMID: 32917806

Role: last author

30) Title: Effect of lockdown due to COVID19 on the management of ischemic stroke, an Italian experience.  
Giovanni Frisullo and **Valerio Brunetti**, Riccardo Di Iorio, Aldobrando Broccolini, Pietro Caliandro, Mauro Monforte, Roberta Morosetti, Carla Piano, Fabio Pilato, Paolo Calabresi, and Giacomo Della Marca  
Journal: Neurological Sciences. 2020 Jul 6:1-5. doi: 10.1007/s10072-020-04545-9. Online ahead of print.  
PMID: 32632635  
Role: Shared co-first authorship, corresponding author.

31) Title: **Stroke and COVID19: not only a large-vessel disease**  
Giovanni Frisullo, Simone Bellavia, Irene Scala, Carla Piano, Roberta Morosetti, **Valerio Brunetti**, Paolo Calabresi, Giacomo Della Marca  
Journal: Journal of Stroke and Cerebrovascular Diseases. J Stroke Cerebrovasc Dis. 2020 Oct; 29(10): 105074.  
Published online 2020 Jun 19. doi: 10.1016/j.jstrokecerebrovasdis.2020.105074  
Role: co-author.

32) Title: Predicting Factors of Functional Outcome in Patients with Acute Ischemic Stroke Admitted to Neuro-Intensive Care Unit-A Prospective Cohort Study.  
Pilato F, Silva S, Valente I, Distefano M, Broccolini A, **Brunetti V**, Caliandro P, Marca GD, Di Iorio R, Frisullo G, Monforte M, Morosetti R, Piano C, Calandrelli R, Capone F, Alexandre A, Pedicelli A, Colosimo C, Caricato A.  
Journal: Brain Sciences 2020 Nov 26;10(12):911. doi: 10.3390/brainsci10120911.  
PMID: 33256264  
Role: co-author

33) Title: Physical restraint precipitates delirium in stroke patients.  
Rollo E, Callea A, **Brunetti V**, Vollono C, Marotta J, Della Marca G.  
J Neurol Sci. 2020 Dec 21;421:117290. doi: 10.1016/j.jns.2020.117290. Online ahead of print.  
PMID: 33383317  
Role: co-author

34) Title: Prospective Observational Study of Safety of Early Treatment with Edoxaban in Patients with Ischemic Stroke and Atrial Fibrillation (SATES Study).  
Frisullo G, Profice P, Brunetti V, Scala I, Bellavia S, Broccolini A, Caliandro P, Di Iorio R, Morosetti R, Pilato F, Laborante R, Della Marca G.  
Brain Sci. 2020 Dec 30;11(1):E30. doi: 10.3390/brainsci11010030.  
PMID: 33396700  
Role: co-author

35) Title: Effect of the COVID-19 pandemic and the lockdown measures on the local stroke network.  
**Brunetti V**, Broccolini A, Caliandro P, Di Iorio R, Monforte M, Morosetti R, Piano C, Pilato F, Bellavia S, Marotta J, Scala I, Pedicelli A, Pennisi MA, Caricato A, Roberti C, Altavista MC, Valenza A, Distefano M, Cecconi E, Fanella M, Roncacci S, Tasillo M, Calabresi P, Frisullo G, Marca GD.  
Journal: Neurol Sci. 2021 Jan 15. doi: 10.1007/s10072-021-05045-0. Online ahead of print. PMID: 33452656  
Role: first author.

36) Title: COVID-19 and stroke: from the cases to the causes.  
Frisullo G, Scala I, Bellavia S, Broccolini A, **Brunetti V**, Morosetti R, Della Marca G, Calabresi P.  
Journal: Rev Neurosci. 2021 Feb 15. doi: 10.1515/revneuro-2020-0136.  
Role: co-author.

37) Title: Delirium in acute stroke: A prospective, cross-sectional, cohort study.  
Rollo E, Callea A, **Brunetti V**, Vollono C, Marotta J, Imperatori C, Frisullo G, Broccolini A, Della Marca G.  
Journal: Eur J Neurol. 2021 Jan 21. doi: 10.1111/ene.14749. Online ahead of print.  
Role: co-author.

38) Title: Sleep Disorders in Mitochondrial Diseases  
**Brunetti V**, Della Marca G, Servidei S, Primiano G.  
Journal: Current Neurology and Neuroscience Reports. DOI: 10.1007/s11910-021-01121-2  
PMID: 33948737  
Role: First author

39) Title: Instrumental Evaluation of COVID-19 Related Dysautonomia in Non-Critically-Ill Patients: An Observational, Cross-Sectional Study.  
Bellavia S, Scala I, Luigetti M, **Brunetti V**, Gabrielli M, Zileri Dal Verme L, Servidei S, Calabresi P, Frisullo G, Della Marca G.  
Journal: Journal of Clinical Medicine. 2021 Dec 14;10(24):5861. doi: 10.3390/jcm10245861.

PMID: 34945155  
Role: co-author

40) Title: Heart rate variability and delirium in acute non-cardioembolic stroke: a prospective, cross-sectional, cohort study. Rollo E, Marotta J, Callea A, **Brunetti V**, Vollono C, Scala I, Imperatori C, Frisullo G, Broccolini A, Della Marca G. Journal: Neurological Sciences. 2021 Sep 29. doi: 10.1007/s10072-021-05621-4. Online ahead of print. PMID: 34586543  
Role: co-author

41) Title: Heart Rate Variability during wake and sleep in Huntington's Disease patients. An observational, cross-sectional, cohort study. Marotta J, Piano C, **Brunetti V**, Genovese D, Bentivoglio AR, Calabresi P, Cortelli P, Della Marca G. Journal: Neurodegenerative Diseases. 2021 Nov 8. doi: . Online ahead of print. PMID: 34749365  
Role: co-author, corresponding author

42) Title: Mechanical thrombectomy in acute ischemic stroke due to large vessel occlusion in the anterior circulation and low baseline National Institute of Health Stroke Scale score: a multicenter retrospective matched analysis. Alexandre AM, Valente I, Pedicelli A, Pezzullo AM, Colò F, Scarcia L, Romi A, Piano M, Macera A, Gabrieli JD, Cester G, Caragliano AA, Vinci SL, Ruggiero M, Commodaro C, Saletti A, Lazzarotti GA, Cosottini M, Da Ros V, Bellini L, Lozupone E, Paladini A, **Brunetti V**, Morosetti R, Frisullo G, Calabresi P, Marca GD, Broccolini A. Journal: Neurological Sciences. 2021 Nov 29. doi: 10.1007/s10072-021-05771-5. Online ahead of print. PMID: 34843020  
Role: co-author

43) Title: Clot evaluation and distal embolization risk during mechanical thrombectomy in anterior circulation stroke. Pilato F, Valente I, Calandrelli R, Alexandre A, Arena V, Dell'Aquila M, Broccolini A, Della Marca G, Morosetti R, Frisullo G, **Brunetti V**, Distefano M, Pedicelli A, Colosimo C, Di Lazzaro V. Journal: Journal of the Neurological Sciences. 2022 Jan 15;432:120087. doi: 10.1016/j.jns.2021.120087. Epub 2021 Dec 14. PMID: 34933250  
Role: co-author

44) Title: Delirium in hospitalized patients with COVID-19 pneumonia: a prospective, cross-sectional, cohort study. Callea A, Conti G, Fossati B, Carassale L, Zagaria M, Caporotundo S, Ziglioli E, **Brunetti V**, Della Marca G, Rollo E. Journal: Internal Emergency Medicine. 2022 Jan 27:1-8. doi: 10.1007/s11739-022-02934-w. Online ahead of print. PMID: 35084645  
Role: co-author

45) Title: Cerebral edema in acute stroke: Effect of thrombolytic treatment. Frisullo G, Bellavia S, Scala I, Rizzo PA, Broccolini A, **Brunetti V**, Pepe M, Pilato F, Morosetti R, Marca GD, Calabresi P. Journal: Journal of Neurological Sciences. 2022 Feb 23;436:120206. doi: 10.1016/j.jns.2022.120206. Online ahead of print. PMID: 35259555  
Role: co-author

46) Title: Clinical characteristics of a large cohort of patients with narcolepsy candidate for pitolisant: a cross-sectional study from the Italian PASS Wakix® Cohort. Mutti C, **Brunetti V**, Figorilli M, Liguori C, Pizza F, Proserpio P, Sacco T, Pedrazzi G, Lecomte I, Blanchard N, Agostoni EC, Bonanni E, Centonze D, Cicolin A, Della Marca G, Ferini-Strambi L, Ferri R, Gigli GL, Izzi F, Liguori R, Lodi R, Nobili L, Parrino L, Placidi F, Puligheddu M, Romigi A, Savarese MA, Terzaghi M, Plazzi G. Journal: Neurological Sciences. 2022 Sep;43(9):5563-5574. doi: 10.1007/s10072-022-06210-9. Epub 2022 Jun 25. PMID: 35750949  
Role: Co-first author and corresponding author

47) Autonomic dysfunction in non-critically ill COVID-19 patients during the acute phase of disease: an observational, cross-sectional study. Scala I, Bellavia S, Luigetti M, **Brunetti V**, Broccolini A, Gabrielli M, Zileri Dal Verme L, Calabresi P, Della Marca G, Frisullo G. Journal: Neurological Sciences. 2022 Aug;43(8):4635-4643. doi: 10.1007/s10072-022-06136-2. Epub 2022 May 24. PMID: 35608736  
Role: co-author

48) A novel c.952T>C mutation in Notch3 gene in a patient with chronic non-migraine-like headache: Expanding the genotypic spectrum of CADASIL? Scala I, Piane M, Frisullo G, Marotta J, Bellavia S, Rizzo PA, Rollo E, Vollono C, Pizzuti A, **Brunetti V**, Della Marca G.

Journal: Clinical Genetic. 2022 Jul;102(1):82-83. doi: 10.1111/cge.14137. Epub 2022 Apr 11.  
PMID: 35405766  
Role: co-author

49) The Effects of COVID-19 Pandemic on Italian School-Aged Children: Sleep-Related Difficulties and Trauma Reactions.  
Curatola A, Ferretti S, Gatto A, Valentini P, Giugno G, Della Marca G, **Brunetti V**, Lazzareschi I.  
Journal: Journal of Child Neurology. 2022 May 9;37(7):8830738221096194. doi: 10.1177/08830738221096194. Online ahead of print.  
PMID: 35535411  
Role: co-author

50) Decompressive hemicraniectomy in patients with malignant middle cerebral artery infarction: A real-world study.  
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Role: First Author and corresponding author

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Role: co-author

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 Broccolini A, **Brunetti V**, Colò F, Alexandre AM, Valente I, Falcou A, Frisullo G, Pedicelli A, Scarcia L, Scala I, Rizzo PA, Bellavia S, Camilli A, Milonia L, Piano M, Macera A, Commodaro C, Ruggiero M, Da Ros V, Bellini L, Lazzarotti GA, Cosottini M, Caragliano AA, Vinci SL, Gabrieli JD, Causin F, Panni P, Roveri L, Limbucci N, Arba F, Pileggi M, Bianco G, Romano DG, Frauenfelder G, Semeraro V, Ganimede MP, Lozupone E, Fasano A, Lafe E, Cavallini A, Russo R, Bergui M, Calabresi P, Della Marca G.  
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 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.  
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 PMID: 37872846  
 Role: co-author

## ADDITIONAL INFORMATION

<b>Memberships</b>	Società Italiana di Neurologia Italian Stroke Organization Associazione Italiano di Medicina del Sonno European Sleep Research Society Editorial Board of Sleep and Circadian Rhythms as Review Editor for Frontiers in Neuroscience.
<b>Reviewer</b>	Reviewer for Stroke, European Stroke Journal, Critical Care, Brain Communications, Journal of Neurology Neurosurgery and Psychiatry, PLOS One, Frontiers in Neurology, Frontiers in Neurosciences, Annals of Physical and Rehabilitation Medicine, Journal of Stroke and Cerebrovascular Disease, Journal of Clinical Medicine, The Journal of Integrative Neuroscience, Sleep and Breathing, Life
<b>Certifications</b>	“Advanced Life Support Executive” certified by Italian Resuscitation Council, 07/12/2016 “Expert Somnologist” certified by European Society of Sleep Medicine, 13/09/2016 “Esperto in Medicina del Sonno” certified by Associazione Italiana di Medicina del Sonno, 31/12/2019 Winner of Italian Stroke Organization Young Award 2020 for the best article published in 2020, December 2020

## Courses

“SSD – Stroke Simulation Day”

Azienda Ospedaliera Universitaria Careggi – “Stryker”, Florence, 26-27/11/2018

“Ictus Ischemico: la gestione del paziente”

Fondazione Policlinico Universitario A. Gemelli, Rome, 26/11/2016

“Incontro di approfondimento e coordinamento per il trattamento dello Stroke Acuto all'esordio”

Fondazione Policlinico Universitario A. Gemelli, Rome, 20/01/2017

“Diagnosi e trattamento multidisciplinare della Narcolessia: Aspetti metabolici e cardiovascolari”

IRCCS Istituto di Scienze Neurologiche – Ospedale Bellaria, Bologna, 16/04/2018

“La ventilazione meccanica non invasiva (NIV)”

“Università Cattolica del Sacro Cuore - Fondazione Policlinico Universitario A. Gemelli” – “MedicAir”, Rome, 13-14/10/2015

“Corso di psicofarmacologia clinica”

Scuola Medica Ospedaliera – Complesso Monumentale S. Spirito in Saxia”, Rome, 22/02/2017-12/04/2017

“XXI Corso Residenziale di Medicina del Sonno: Corso Basale Adulti”

Associazione Italiana di Medicina del Sonno - Centro Residenziale Universitario di Bertinoro, 22-25/04/2017

“XXI Corso Residenziale di Medicina del Sonno: Corso Avanzato 2, come refertare un esame in medicina del sonno”

Associazione Italiana di Medicina del Sonno - Centro Residenziale Universitario di Bertinoro, Bertinoro, 26-27/04/2017

“XXII Corso Residenziale di Medicina del Sonno: Corso Basale Pediatrico”

Associazione Italiana di Medicina del Sonno - Centro Residenziale Universitario di Bertinoro, Bertinoro 24-25/03/2018

“XXII Corso Residenziale di Medicina del Sonno: Corso Avanzato 1: Interpretare la poligrafia in corso di CPAP e ventilazione meccanica”

Associazione Italiana di Medicina del Sonno - Centro Residenziale Universitario di Bertinoro, Bertinoro 26-27/03/2018

- Congress
- "XLV Congresso della Società Italiana di Neurologia"  
Società italiana di Neurologia, Cagliari, 11-14/10/2014  
Role: oral communication.
- "XLVII Congresso della Società Italiana di Neurologia"  
Società italiana di Neurologia, Venice, 22-25/10/2016  
Role: poster presentation
- "XLVIII Congresso della Società Italiana di Neurologia"  
Società italiana di Neurologia, Naples, 14-17/10/2017  
Role: poster presentation
- "World Sleep 2017"  
World Sleep Society, Prague, 7-11/10/2017  
Role: auditor
- "Sleep and sleep disorders"  
Istituto Santa Chiara, Rome, 03/03/2018  
Role: speaker
- "La richiesta di competenza neurologica nel prossimo futuro"  
Società italiana di Neurologia, Rome, 13-14/04/2018  
Role: auditor
- "Giornata dello specializzando in Neurologia"  
Società italiana di Neurologia, Rome, 15/05/2018  
Role: speaker
- "XXVIII Congresso nazionale AIMS: la medicina del sonno nell'uomo e nella donna"  
Associazione Italiana di Medicina del Sonno, Taormina, 4-6/10/2018  
Role: auditor
- "XLIX Congresso della Società Italiana di Neurologia"  
Società italiana di Neurologia, Rome, 27-30/10/2018  
Role: poster presentation
- "European Stroke Organization Conference 2019"  
European Stroke Organization, Milan, 22-24/05/2019  
Role: poster presentation
- "50° Congresso della Società Italiana di Neurologia"  
Società italiana di Neurologia, Bologna, 12-15/10/2019  
Role: poster presentation
- "European Stroke Organization Conference 2020"  
European Stroke Organization, On-line, 7-9/11/2020  
Role: auditor
- "XXX Congresso nazionale AIMS: la medicina del sonno nell'uomo e nella donna"  
Associazione Italiana di Medicina del Sonno, On-line, 25-27/10/2020  
Role: auditor
- "6th (Virtual) Congress of the European Academy of Neurology (EAN)"  
European Academy of Neurology, On-line, 23-26/05/2020  
Role: auditor
- "I disturbi del sonno in età pediatrica: aspetti clinici e terapeutici"  
Ospedale Pediatrico Bambino Gesù IRCCS, Rome, 28/03/2020  
Role: speaker
- "DISTURBI DEL SONNO DALL'ETA' PEDIATRICA ALL'ETA' ADULTA: percorsi diagnostici e terapeutici" Viterbo,  
23/09/2023  
Role: speaker
- "7th European Congress of NeuroRehabilitation"  
Lione, 30/08/2023 – 02/09/2023  
Role: speaker
- "All you need is sleep in practice 2023"  
Roma, 13/10/2023  
Role: speaker
- Progetto FAD INSIGHT ON LINE sull'insonnia cronica  
Online, 2023  
Role: speaker

**Research interests** Neurology, Neurosciences, Vascular Neurology, Cerebrovascular Diseases, Sleep, Sleep Medicine, Sleep Disorders, Epilepsy, Neurophysiology, Electroencephalography

**Awards** Italian Stroke Organization 2020 – Young investigator award for best article published in 2019  
Winner of “Premio Giovani – Società Italiana di Neurologia”, Cagliari, October 2014  
Winner of “Premio Giovani – Società Italiana di Neurologia”, Venice, October 2016  
Winner of “Premio Giovani – Società Italiana di Neurologia”, Rome, October 2018  
Winner of “Premio Giovani – Società Italiana di Neurologia”, Bologna, October 2019

Rome, 8<sup>th</sup> February 2024

