

Ugo Faraguna - Curriculum Vitae

Affiliations:

- 1) Department of Translational Research and New Medical and Surgical Technologies, University of Pisa
- 2) Stella Maris Foundation, Calambrone, Pisa
- 3) sleepActa s.r.l. University of Pisa Spinoff

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Education:

2007 Ph.D. in Physiological Genomics and Molecular Medicine Scuola Superiore di Studi Universitari e di Perfezionamento S. Anna, Pisa Tutor: Prof. L Donato

2005 Italian certification in general medicine (Medical Board) University of Pisa Medical School, Pisa, Italy

2005 Diploma di Licenza in Medical Sciences, Magna Cum Laude Scuola Superiore di Studi Universitari e Perfezionamento Sant'Anna Pisa Tutor: Prof. L Donato

2004 Medical Degree, Summa Cum Laude (110/110L con Dignità di Stampa) University of Pisa Medical School, Pisa, Italy Supervisor: Prof. B Ghelarducci

Employment History and research/academic experience:

09/06/2023-09/06/2034 Awarded with the national scientific qualification as Full Professor of Physiology (Sector 05/D1)

2017-present Associate Professor - ssd BIO/09 Physiology – Department of Translational Research and New Medical and Surgical Technologies; University of Pisa.

2012-2017 Ricercatore Universitario Confermato (Tenured Assistant Professor) – ssd BIO/09 Physiology – Department of Translational Research and New Medical and Surgical Technologies; University of Pisa

2008-2011 Research Associate. Department of Psychiatry. University of Wisconsin, Madison. Mentor: Dr Giulio Tononi

2005-2007 Honorary Fellowship. Department of Psychiatry, University of Wisconsin, Madison. Supervisor: Dr. Chiara Cirelli

Editorial Experience:

Managing Editor, Archive Italiennes de Biologie, 2015-present

Guest Editor, Archive Italiennes de Biologie, Special AIMS 2014 Issue

Regular Reviewer for: Science, Plos One, Frontiers in Neuroanatomy, Brain Science, Gerontology, Archives Italiennes de Biologi, among others.

Teaching Experience:

2013-present Course of Human Physiology II, Medical School, University of Pisa

2012-present Course of Applied Physiology, Movement Science Degree, University of Pisa

2014-present Member of the Steering Committee of the PhD Program in Clinical and Translational Sciences. University of Pisa

2015-2018 Principles of Neuromarketing, Master MAINS, Scuola Superiore Sant'Anna, Pisa

2017-2023 Neuromarketing, Master Vini Italiani e Mercati Mondali, Scuola Superiore Sant'Anna, Pisa

2012-2014 Course of Human Physiology, Biomedical Engineering School, University of Pisa

2012-2013 Course of Human Physiology, Nursing School, University of Pisa

Honors:

2016 Recipient of the SIF 2016 (Italian Physiological Society) Award for most meritorious Italian physiologist under 40.

2008 Recipient of the "Giovanni Spitali Foundation Award" for the best Ph.D. dissertation in the biennium 2007-2008 – Scuola Superiore Sant'Anna.

2008 Recipient of a Sleep Research Society Meritorious Abstract Award.

2008 Selected to present at the NSF-SRS Young Investigators Conference

2000, Research award, selected after an international competition organized by ESA (European Space Agency) to participate to a student parabolic flight campaign, evaluating the grasping behavior under zero-g and hypergravity conditions.

GRANTS AND FUNDING:

- Progetti di Ricerca di Ateneo 2015 (PRA), Università di Pisa. Effetti dell'allontanamento dall'esposizione al rumore aeroportuale sulla salute cardiovascolare. (1 yr) Responsible of the research unit. Key personnel. (45 k€)
- Ministry of Health Ricerca Finalizzata 2013; "Caretoy: a smart System for early home-based intervention in infants at high risk for Cerebral Palsy"; (3 yrs). Key Personnel. (450 k€).
- Ministry of Health Ricerca Finalizzata GR; Project title "Fry the brain"; Ugo Faraguna Principal Investigator (Euro 309.386,26 – start 2015 – duration 3 years)
- Medical School Faculties Grant, University of Pisa, Bando; Project title "Monitoring sleep in the age of smartphones"; Ugo Faraguna Co-P.I. (Euro 22.000 –start 2013 – duration: 2 years)
- Fondazione Arpa Grant 2013; Project: "SonnoLab"; Ugo Faraguna P.I. (Euro 20.000)
- NIMH 1R01MH091326 to Giulio Tononi and Chiara Cirelli; Project: Synapses and Sleep in Neurodevelopment: A Crucial Interaction at a Critical Time. Ugo Faraguna Non key personnel (\$458,900 – start: 2010 – 3 years)
- PhD Fellowship 2005 -Scuola Superiore Sant'Anna, Pisa -Ugo Faraguna – Ranked first in the selection (start: 2005 – duration: 3 years)
- Undergraduate medical school full fellowship Scuola Superiore Sant'Anna, Pisa. Ugo Faraguna. Ranked first out of 176 candidates (start: 1999 – duration: 6 years)

PROFESSIONAL AFFILIATIONS and other duties

2024-present University of Pisa WP3 Teaching Coordinator – Circle-U Alliance

2023-present Vice-coordinator of the PhD Program in Clinical and Translational Sciences, University of Pisa

2019-2024, International Relations Coordinator of the Medical Departments, University of Pisa

2020-present, President of Fondazione Collegio Puteano as Delegate University of Pisa Rector

2017-present, President of the Scuola Sant'Anna Alumni Association

2021-present, President of sleepActa s.r.l., University of Pisa Spinoff

2017-2021, CEO and Co-founder of sleepActa s.r.l., University of Pisa Spinoff

2014-present, Member, AIMS – Associazione Italiana Medicina del Sonno

2014-present, Member, SIF – Società Italiana di Fisiologia

2004-2012, Member, Sleep Research Society

2008-2011, Member, SfN – Society for Neuroscience

2005-2014, Member of Scuola Sant'Anna Alumni Association, Board of Directors

2014-2017, Scuola Sant'Anna Alumni Association Coordinator

PEER-REVIEWED INTERNATIONAL PUBLICATIONS (listed on Pubmed)

1. Hypnotizability-related risky experience and behavior.
Cruz-Sanabria F, Faraguna U, Panu C, Tommasi L, Bruno S, Bazzani A, Sebastiani L, Santarcangelo EL.
Neurosci Lett. 2024 Jan 31;821:137625. doi: 10.1016/j.neulet.2024.137625. Epub 2024 Jan 6.
PMID: 38185203
2. Pointing in cervical dystonia patients.
Tramonti Fantozzi MP, Benedetti R, Crecchi A, Briscese L, Andre P, Arrighi P, Bonfiglio L, Carboncini MC, Bruschini L, Bongioanni P, Faraguna U, Manzoni D.
Front Syst Neurosci. 2023 Nov 28;17:1306387. doi: 10.3389/fnsys.2023.1306387.
eCollection 2023.
PMID: 38090048 Free PMC article.
3. Performance evaluation of the open-source Yet Another Spindle Algorithm sleep staging algorithm against gold standard manual evaluation of polysomnographic records in adolescence.
Benedetti D, Frati E, Kiss O, Yuksel D, Faraguna U, Hasler BP, Franzen PL, Clark DB, Baker FC, de Zambotti M.
Sleep Health. 2023 Dec;9(6):910-924. doi: 10.1016/j.sleh.2023.07.019. Epub 2023 Sep 13.
PMID: 37709595
4. Trigeminal Stimulation and Visuospatial Performance: The Struggle between Chewing and Trigeminal Asymmetries.
Tramonti Fantozzi MP, De Cicco V, d'Ascanio P, Cataldo E, De Cicco D, Bruschini L, Barresi M, Faraguna U, Manzoni D.
Biomedicines. 2023 Aug 19;11(8):2307. doi: 10.3390/biomedicines11082307.
PMID: 37626803 Free PMC article.
5. Effects of exogenous melatonin on sleep and circadian rhythm parameters in bipolar disorder with comorbid delayed sleep-wake phase disorder: An actigraphic study.
Cruz-Sanabria F, Faraguna U, Violi M, Bruno S, Gravina D, Bonelli C, Bazzani A, Massoni L, Musetti L, Simoncini M, Frumento P, Dell'Osso L, Carmassi C.
J Psychiatr Res. 2023 Sep;165:96-104. doi: 10.1016/j.jpsychires.2023.07.008. Epub 2023 Jul 11.
PMID: 37487294
6. Actigraphic and self-reported characterization of sleep in systemic lupus erythematosus patients.
Faraguna U, Porciani C, Colitta A, Bruno S, Frumento P, Stagnaro C, Tani C, Vagelli R, Mosca M.
Rheumatology (Oxford). 2023 Jul 11:kead344. doi: 10.1093/rheumatology/kead344. Online ahead of print.
PMID: 37432350
7. Effects of a short period of postural training on postural stability and vestibulospinal reflexes.
Grasso C, Barresi M, Tramonti Fantozzi MP, Lazzerini F, Bruschini L, Berrettini S, Andre P, Dolciotti C, De Cicco V, De Cicco D, d'Ascanio P, Orsini P, Montanari F, Faraguna U, Manzoni D.
PLoS One. 2023 Jun 12;18(6):e0287123. doi: 10.1371/journal.pone.0287123. eCollection 2023.
PMID: 37307276 Free PMC article.
8. Zebrafish as an Innovative Tool for Epilepsy Modeling: State of the Art and Potential Future Directions.
D'Amora M, Galgani A, Marchese M, Tantussi F, Faraguna U, De Angelis F, Giorgi FS.
Int J Mol Sci. 2023 Apr 22;24(9):7702. doi: 10.3390/ijms24097702.
PMID: 37175408 Free PMC article. Review.
9. Long-term beneficial impact of the randomised trial 'Train the Brain', a motor/cognitive intervention in mild cognitive impairment people: effects at the 14-month follow-up.

- Sale A, Noale M, Cintoli S, Tognoni G, Braschi C, Berardi N, Maggi S, Maffei L; Train the Brain Consortium.
Age Ageing. 2023 May 1;52(5):afad067. doi: 10.1093/ageing/afad067.
PMID: 37167616 Clinical Trial.
10. Wearable accelerometers for measuring and monitoring the motor behaviour of infants with brain damage during CareToy-Revised training.
Franchi De' Cavalieri M, Filogna S, Martini G, Beani E, Maselli M, Cianchetti M, Dubbini N, Cioni G, Sgandurra G; CareToy-R Consortium.
J Neuroeng Rehabil. 2023 May 6;20(1):62. doi: 10.1186/s12984-023-01182-z.
PMID: 37149595 Free PMC article.
 11. Morning naps architecture and mentation recall complexity.
Sebastiani L, Barcaro U, Paradisi P, Frumento P, Faraguna U.
J Sleep Res. 2023 Oct;32(5):e13915. doi: 10.1111/jsr.13915. Epub 2023 May 3.
PMID: 37139546
 12. Associations between post-traumatic stress symptoms and sleep/circadian parameters: Exploring the effect of chronotype as a moderator variable.
Cruz-Sanabria F, Bruno S, Bazzani A, Bonelli C, Violi M, Frumento P, Faraguna U.
Chronobiol Int. 2023 May;40(5):581-595. doi: 10.1080/07420528.2023.2189952. Epub 2023 Apr 12.
PMID: 37042535
 13. The Central Noradrenergic System in Neurodevelopmental Disorders: Merging Experimental and Clinical Evidence.
Galgani A, Bartolini E, D'Amora M, Faraguna U, Giorgi FS.
Int J Mol Sci. 2023 Mar 18;24(6):5805. doi: 10.3390/ijms24065805.
PMID: 36982879 Free PMC article. Review.
 14. Chronotype is differentially associated with lifetime mood and panic-agoraphobic spectrum symptoms in patients with bipolar disorder and healthy controls.
Cruz-Sanabria F, Violi M, Bazzani A, Bruno S, Massoni L, Bertelloni CA, Dell'Oste V, Frumento P, Faraguna U, Dell'Osso L, Carmassi C.
CNS Spectr. 2023 Dec;28(6):726-738. doi: 10.1017/S1092852923001207. Epub 2023 Mar 21.
PMID: 36942635
 15. Exploratory Study on the Associations between Lifetime Post-Traumatic Stress Spectrum, Sleep, and Circadian Rhythm Parameters in Patients with Bipolar Disorder.
Carmassi C, Cruz-Sanabria F, Gravina D, Violi M, Bonelli C, Dell'Oste V, Pedrinelli V, Frumento P, Faraguna U, Dell'Osso L.
Int J Environ Res Public Health. 2023 Feb 17;20(4):3566. doi: 10.3390/ijerph20043566.
PMID: 36834262 Free PMC article.
 16. School Attendance, Chronotype, and Day-of-the-Week Effect in Adolescent Male Basketball Players.
Bruno S, Benedetti D, Bazzani A, Ferri F, Granieri I, Cruz-Sanabria F, Fiori S, d'Ascanio P, Frumento P, Faraguna U.
J Biol Rhythms. 2023 Apr;38(2):185-196. doi: 10.1177/07487304221144340. Epub 2023 Jan 21.
PMID: 36680409
 17. Call to action: an open-source pipeline for standardized performance evaluation of sleep-tracking technology.
Benedetti D, Menghini L, Vallat R, Mallett R, Kiss O, Faraguna U, Baker FC, de Zambotti M.
Sleep. 2023 Feb 8;46(2):zsac304. doi: 10.1093/sleep/zsac304.
PMID: 36611112 No abstract available.
 18. Sleep Deprivation-Induced Changes in Baseline Brain Activity and Vigilant Attention Performance.
Tramonti Fantozzi MP, Banfi T, Di Galante M, Ciuti G, Faraguna U.
Brain Sci. 2022 Dec 9;12(12):1690. doi: 10.3390/brainsci12121690.
PMID: 36552150 Free PMC article.

19. Handling shifts during an overnight sailing regatta: Comparison between sleep management strategies.
Bruno S, Ceccanti S, Bazzani A, d'Ascanio P, Frumento P, Faraguna U.
Scand J Med Sci Sports. 2023 Apr;33(4):503-511. doi: 10.1111/sms.14273. Epub 2022 Nov 28.
PMID: 36403189
20. Maximum downward slope of sleep slow waves as a potential marker of attention-deficit/hyperactivity disorder clinical phenotypes.
Fasano A, Biancardi C, Masi G, Della Vecchia S, Frumento P, Mazzoni A, Falotico E, Faraguna U, Sicca F.
J Psychiatr Res. 2022 Dec;156:679-689. doi: 10.1016/j.jpsychires.2022.10.057. Epub 2022 Nov 8.
PMID: 36399860
21. Editorial: Asymmetry in the central nervous system: Functional implications.
Leite-Almeida H, d'Ascanio P, Faraguna U, Manzoni D.
Front Syst Neurosci. 2022 Sep 7;16:1002965. doi: 10.3389/fnsys.2022.1002965. eCollection 2022.
PMID: 36158453 Free PMC article. No abstract available.
22. Obstructive Sleep Apnoea Syndrome Screening Through Wrist-Worn Smartbands: A Machine-Learning Approach.
Benedetti D, Olcese U, Bruno S, Barsotti M, Maestri Tassoni M, Bonanni E, Siciliano G, Faraguna U.
Nat Sci Sleep. 2022 May 18;14:941-956. doi: 10.2147/NSS.S352335. eCollection 2022.
PMID: 35611177 Free PMC article.
23. Impact of intermittently scanned continuous glucose monitoring with alarms on sleep and metabolic outcomes in children and adolescents with type 1 diabetes.
Franceschi R, Scotton C, Leonardi L, Cauvin V, Maines E, Angriman M, Pertile R, Valent F, Soffiati M, Faraguna U.
Acta Diabetol. 2022 Jul;59(7):911-919. doi: 10.1007/s00592-022-01882-3. Epub 2022 Apr 9.
PMID: 35397650
24. Melatonin as a Chronobiotic with Sleep-promoting Properties.
Cruz-Sanabria F, Carmassi C, Bruno S, Bazzani A, Carli M, Scarselli M, Faraguna U.
Curr Neuropharmacol. 2023;21(4):951-987. doi: 10.2174/1570159X20666220217152617.
PMID: 35176989 Free PMC article. Review.
25. Poor sleep quality and unhealthy lifestyle during the lockdown: an Italian study.
Bruno S, Bazzani A, Marantonio S, Cruz-Sanabria F, Benedetti D, Frumento P, Turchetti G, Faraguna U.
Sleep Med. 2022 Feb;90:53-64. doi: 10.1016/j.sleep.2022.01.002. Epub 2022 Jan 11.
PMID: 35093684 Free PMC article.
26. Late chronotypes, late mealtimes. Chrononutrition and sleep habits during the COVID-19 lockdown in Italy.
Bazzani A, Marantonio S, Andreozzi G, Lorenzoni V, Bruno S, Cruz-Sanabria F, d'Ascanio P, Turchetti G, Faraguna U.
Appetite. 2022 May 1;172:105951. doi: 10.1016/j.appet.2022.105951. Epub 2022 Jan 28.
PMID: 35092744 Free PMC article.
27. Chewing and Cognitive Improvement: The Side Matters.
Tramonti Fantozzi MP, De Cicco V, De Cicco D, d'Ascanio P, Cataldo E, Bruschini L, Faraguna U, Manzoni D.
Front Syst Neurosci. 2021 Dec 23;15:749444. doi: 10.3389/fnsys.2021.749444. eCollection 2021.
PMID: 35002642 Free PMC article.
28. Association of rs3027178 polymorphism in the circadian clock gene PER1 with susceptibility to Alzheimer's disease and longevity in an Italian population.
Bacalini MG, Palombo F, Garagnani P, Giuliani C, Fiorini C, Caporali L, Stanzani Maserati M, Capellari S, Romagnoli M, De Fanti S, Benussi L, Binetti G, Ghidoni R, Galimberti D, Scarpini

- E, Arcaro M, Bonanni E, Siciliano G, Maestri M, Guarnieri B; Italian Multicentric Group on clock genes, actigraphy in AD; Martucci M, Monti D, Carelli V, Franceschi C, La Morgia C, Santoro A. *Geroscience*. 2022 Apr;44(2):881-896. doi: 10.1007/s11357-021-00477-0. Epub 2021 Dec 18.
PMID: 34921659 Free PMC article.
29. Automatic Cyclic Alternating Pattern (CAP) analysis: Local and multi-trace approaches.
Tramonti Fantozzi MP, Faraguna U, Ugon A, Ciuti G, Pinna A.
PLoS One. 2021 Dec 2;16(12):e0260984. doi: 10.1371/journal.pone.0260984. eCollection 2021.
PMID: 34855925 Free PMC article.
 30. Activation of brain-heart axis during REM sleep: a trigger for dreaming.
Nardelli M, Catrambone V, Grandi G, Banfi T, Bruno RM, Scilingo EP, Faraguna U, Valenza G.
Am J Physiol Regul Integr Comp Physiol. 2021 Dec 1;321(6):R951-R959. doi: 10.1152/ajpregu.00306.2020. Epub 2021 Oct 27.
PMID: 34704848
 31. Heartbeat-Evoked Cortical Potential during Sleep and Interoceptive Sensitivity: A Matter of Hypnotizability.
Billeci L, Faraguna U, Santarcangelo EL, d'Ascanio P, Varanini M, Sebastiani L.
Brain Sci. 2021 Aug 19;11(8):1089. doi: 10.3390/brainsci11081089.
PMID: 34439708 Free PMC article.
 32. Feasibility of Early Intervention Through Home-Based and Parent-Delivered Infant Massage in Infants at High Risk for Cerebral Palsy.
Menici V, Antonelli C, Beani E, Mattiola A, Giampietri M, Martini G, Rizzi R, Cecchi A, Cioni ML, Cioni G, Sgandurra G; Caretoy-R Consortium.
Front Pediatr. 2021 Jul 19;9:673956. doi: 10.3389/fped.2021.673956. eCollection 2021.
PMID: 34350144 Free PMC article.
 33. Effect of the Trigeminal Nerve Stimulation on Auditory Event-Related Potentials.
Tramonti Fantozzi MP, Artoni F, Di Galante M, Briscese L, De Cicco V, Bruschini L, d'Ascanio P, Manzoni D, Faraguna U, Carboncini MC.
Cereb Cortex Commun. 2021 Feb 19;2(2):tgab012. doi: 10.1093/texcom/tgab012. eCollection 2021.
PMID: 34296158 Free PMC article.
 34. Sleep quality mediates the effect of chronotype on resilience in the time of COVID-19.
Bazzani A, Bruno S, Frumento P, Cruz-Sanabria F, Turchetti G, Faraguna U.
Chronobiol Int. 2021 Jun;38(6):883-892. doi: 10.1080/07420528.2021.1895199. Epub 2021 May 9.
PMID: 33966553
 35. Heart rate detection by Fitbit ChargeHR™ : A validation study versus portable polysomnography.
Benedetti D, Olcese U, Frumento P, Bazzani A, Bruno S, d'Ascanio P, Maestri M, Bonanni E, Faraguna U.
J Sleep Res. 2021 Dec;30(6):e13346. doi: 10.1111/jsr.13346. Epub 2021 Apr 10.
PMID: 33837981 Free PMC article.
 36. The path from trigeminal asymmetry to cognitive impairment: a behavioral and molecular study.
Tramonti Fantozzi MP, Lazzarini G, De Cicco V, Briganti A, Argento S, De Cicco D, Barresi M, Cataldo E, Bruschini L, d'Ascanio P, Pirone A, Lenzi C, Vannozzi I, Miragliotta V, Faraguna U, Manzoni D.
Sci Rep. 2021 Feb 26;11(1):4744. doi: 10.1038/s41598-021-82265-6.
PMID: 33637775 Free PMC article.
 37. Sleep EEG microstructure in children and adolescents with attention deficit hyperactivity disorder: a systematic review and meta-analysis.
Biancardi C, Sesso G, Masi G, Faraguna U, Sicca F.
Sleep. 2021 Jul 9;44(7):zsab006. doi: 10.1093/sleep/zsab006.
PMID: 33555021
 38. Efficient embedded sleep wake classification for open-source actigraphy.

- Banfi T, Valigi N, di Galante M, d'Ascanio P, Ciuti G, Faraguna U.
Sci Rep. 2021 Jan 11;11(1):345. doi: 10.1038/s41598-020-79294-y.
PMID: 33431918 Free PMC article.
39. Is EEG Suitable for Marketing Research? A Systematic Review.
Bazzani A, Ravaioli S, Trieste L, Faraguna U, Turchetti G.
Front Neurosci. 2020 Dec 21;14:594566. doi: 10.3389/fnins.2020.594566. eCollection 2020.
PMID: 33408608 Free PMC article.
 40. Feasibility Analysis of CareToy-Revised Early Intervention in Infants at High Risk for Cerebral Palsy.
Beani E, Menici V, Cecchi A, Cioni ML, Giampietri M, Rizzi R, Sgandurra G, Cioni G; CareToy-R Consortium.
Front Neurol. 2020 Dec 16;11:601137. doi: 10.3389/fneur.2020.601137. eCollection 2020.
PMID: 33391164 Free PMC article.
 41. Multicenter Study on Sleep and Circadian Alterations as Objective Markers of Mild Cognitive Impairment and Alzheimer's Disease Reveals Sex Differences.
Guarnieri B, Maestri M, Cucchiara F, Lo Gerfo A, Schirru A, Arnaldi D, Mattioli P, Nobili F, Lombardi G, Cerroni G, Bartoli A, Manni R, Sinforiani E, Terzaghi M, Arena MG, Silvestri R, La Morgia C, Di Perri MC, Franzoni F, Tognoni G, Mancuso M, Sorbi S, Bonuccelli U, Siciliano G, Faraguna U, Bonanni E.
J Alzheimers Dis. 2020;78(4):1707-1719. doi: 10.3233/JAD-200632.
PMID: 33185597
 42. Trigeminal input, pupil size and cognitive performance: From oral to brain matter.
Tramonti Fantozzi MP, De Cicco V, Argento S, De Cicco D, Barresi M, Cataldo E, Bruschini L, d'Ascanio P, Faraguna U, Manzoni D.
Brain Res. 2021 Jan 15;1751:147194. doi: 10.1016/j.brainres.2020.147194. Epub 2020 Nov 4.
PMID: 33159973
 43. Effects of obstructive sleep apnea on the thoracic aorta and the main pulmonary artery: assessment by CT.
Castellana R, Aringhieri G, Gargani L, Maestri M, Schirru A, Bonanni E, Faraguna U.
J Clin Sleep Med. 2021 Jan 1;17(1):3-11. doi: 10.5664/jcsm.8770.
PMID: 32876043 Free PMC article.
 44. Association of hypnotizability and deep sleep: any role for interoceptive sensibility?
Diolaiuti F, Fantozzi MPT, Di Galante M, D'Ascanio P, Faraguna U, Sebastiani L, Santarcangelo EL.
Exp Brain Res. 2020 Sep;238(9):1937-1943. doi: 10.1007/s00221-020-05853-4. Epub 2020 Jun 19.
PMID: 32561965
 45. Sleep disturbances in specific learning disorders: a qualitative and quantitative investigation.
Pecini C, Giuntoli I, Spoglianti S, DI Lieto M, Inguaggiato E, Gasperini F, Cristofani P, Brizzolara D, Chilosi AM, Faraguna U, Banfi T.
Minerva Pediatr (Torino). 2023 Aug;75(4):590-597. doi: 10.23736/S2724-5276.20.05505-X. Epub 2020 Apr 2.
PMID: 32241099
 46. Heart rate variability at bedtime predicts subsequent sleep features.
Fantozzi MPT, Artoni F, Faraguna U.
Annu Int Conf IEEE Eng Med Biol Soc. 2019 Jul;2019:6784-6788. doi: 10.1109/EMBC.2019.8857844.
PMID: 31947398
 47. The Complexity of Dreams: a Multiscale Entropy Study on Cardiovascular Variability Series.
Nardelli M, Faraguna U, Grandi G, Bruno RM, Valenza G, Scilingo EP.
Annu Int Conf IEEE Eng Med Biol Soc. 2019 Jul;2019:2015-2018. doi: 10.1109/EMBC.2019.8857120.
PMID: 31946296
 48. Assessing Pupil-linked Changes in Locus Coeruleus-mediated Arousal Elicited by Trigeminal Stimulation.

- Fantozzi MPT, Banfi T, De Cicco V, Barresi M, Cataldo E, De Cicco D, Bruschini L, d'Ascanio P, Ciuti G, Faraguna U, Manzoni D.
J Vis Exp. 2019 Nov 26;(153). doi: 10.3791/59970.
PMID: 31840660
49. Electrophysiological features of sleep in children with Kir4.1 channel mutations and Autism-Epilepsy phenotype: a preliminary study.
Cucchiara F, Frumento P, Banfi T, Sesso G, Di Galante M, D'Ascanio P, Valvo G, Sicca F, Faraguna U.
Sleep. 2020 Apr 15;43(4):zsz255. doi: 10.1093/sleep/zsz255.
PMID: 31722434 Free PMC article.
 50. Effects of combined training on neuropsychiatric symptoms and quality of life in patients with cognitive decline.
Cintoli S, Radicchi C, Noale M, Maggi S, Meucci G, Tognoni G, Bonuccelli U, Sale A, Berardi N, Maffei L; Train the Brain Consortium.
Aging Clin Exp Res. 2021 May;33(5):1249-1257. doi: 10.1007/s40520-019-01280-w. Epub 2019 Aug 5.
PMID: 31385203 Clinical Trial.
 51. Effects of Sleep Deprivation on Surgeons Dexterity.
Banfi T, Coletto E, d'Ascanio P, Dario P, Menciasci A, Faraguna U, Ciuti G.
Front Neurol. 2019 Jun 11;10:595. doi: 10.3389/fneur.2019.00595. eCollection 2019.
PMID: 31244758 Free PMC article. Review.
 52. Editorial: The Functional Anatomy of the Reticular Formation.
Faraguna U, Ferrucci M, Giorgi FS, Fornai F.
Front Neuroanat. 2019 May 29;13:55. doi: 10.3389/fnana.2019.00055. eCollection 2019.
PMID: 31191262 Free PMC article. No abstract available.
 53. Unbalanced Occlusion Modifies the Pattern of Brain Activity During Execution of a Finger to Thumb Motor Task.
Tramonti Fantozzi MP, Diciotti S, Tessa C, Castagna B, Chiesa D, Barresi M, Ravenna G, Faraguna U, Vignali C, De Cicco V, Manzoni D.
Front Neurosci. 2019 May 17;13:499. doi: 10.3389/fnins.2019.00499. eCollection 2019.
PMID: 31156377 Free PMC article.
 54. Gait training using a robotic hip exoskeleton improves metabolic gait efficiency in the elderly.
Martini E, Crea S, Parri A, Bastiani L, Faraguna U, McKinney Z, Molino-Lova R, Pratali L, Vitiello N.
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BIBLIOGRAPHICAL INDICES

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	All
<u>Citations</u>	4663
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<u>i10-index</u>	45

Autorizzo il trattamento dei dati personali presenti nel cv ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali" e del GDPR (Regolamento UE 2016/679).

In compliance with the GDPR and the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document;