

FIGURE SPECIALISTICHE

DATI ANAGRAFICI

NOME	Andrea
COGNOME	Tacchino

TITOLI DI STUDIO

DOTTORATO DI RICERCA	PhD in Bioengineering, University of Genoa, 2009
MASTER UNIVERSITARIO DI I E/O II LIVELLO	///, ///, ///
LAUREA SPECIALISTICA/MAGISTRALE O LAUREA VECCHIO ORDINAMENTO ANTE 509/2009	Master degree in Bioengineering, University of Genoa, 2004, 110/110 e Just in Time Master degree in Psychology (Body and mind sciences), University of Turin, 2019, 110/110 and Dignity of the press
LAUREA TRIENNALE O DIPLOMA UNIVERSITARIO	Bachelor degree in Biomedical Engineering, University of Genoa, 2002, 104/110 Bachelor degree in Psychological Sciences, University of Turin, 2015, full marks with honors
DIPLOMA PROFESSIONALE	///, ///, ///
DIPLOMA DI ISTRUZIONE SECONDARIA	High school diploma (classical studies), Liceo Classico Statale Giuseppe Mazzini, 1999, 85/100

ESPERIENZA ACCADEMICA

ESPERIENZA DI COORDINAMENTO CORSO NELLO SPECIFICO PROFILO PROFESSIONALE DI APPARTENENZA.	2017 - 2023: Information and Communication Technology for the Master degree for Sport Science-University of Genoa
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ATTIVITA' DI TUTORATO DIDATTICO NELLO SPECIFICO PROFILO PROFESSIONALE DI APPARTENENZA	///, ///, ///
ATTIVITA' DI GUIDA DI TIROCINIO NELLO SPECIFICO PROFILO PROFESSIONALE DI APPARTENENZA	///, ///, ///
ATTIVITA' DIDATTICA UNIVERSITARIA (ULTIMI 15 ANNI)	<p>2007 - 2009 (and 2017 - 2023): Computer Assisted Design for the Bachelor's degree for Orthopedic technicians- University of Genoa</p> <p>2007 - 2013: Human Physiology for the Bachelor's degree for Biomedical Engineering- University of Genoa</p> <p>2007 - 2009 (and 2013 - 2023): Information and Communication Technology for the Bachelor's degree for Sport Science- University of Genoa</p> <p>2007 - 2009: Information and Communication Technology for the Fitness Trainers Course- University of Genoa</p> <p>2007 - 2010: Bioengineering, Electronics and Information and Communication Technology for the Master degree for Sport Science- University of Genoa</p> <p>2011: Human Physiology for the Bachelor's degree for Physical Therapy- University of Genoa</p> <p>2011: Information and Communication Technology for the Master in Management of Health Systems- University of Genoa</p> <p>2012 - 2017: Electronic and electric measurements for the Bachelor's degree for Orthopedic technicians - University of Genoa</p> <p>2013 - 2023: Information and Communication Technology for the Master degree for Sport Science- University of Genoa</p> <p>2013 - 2023: Rehabilitation Engineering for the Master degree for Biomedical Engineering - University of Genoa</p> <p>2021 - 2023: Devices and Technologies for Rehabilitation for the Bachelor's degree for Biomedical Engineering - University of Cagliari</p>
ATTIVITA' DIDATTICA IN MASTER UNIVERSITARIO DI I E/O II LIVELLO E/O CORSI DI PERFEZIONAMENTO UNIVERSITARIO	<p>2019 - 2021: Multiple Sclerosis: Clinical, cognitive and motor aspects of the pathology for the Master in Clinical Neuroscience – Catholic University of Sacro Cuore</p> <p>2022: Neurorehabilitative treatments for the neurological pathologies. Focus on Multiple Sclerosis for Scuola IANUA – University of Genoa</p>
RELATORE A TESI DI LAUREA	Supervisor of more than 15 theses.

ESPERIENZA PROFESSIONALE ISTITUZIONALE

ESPERIENZA RELATIVA ALL'ESERCIZIONE DELLA PROFESSIONE NELLO PROFILO PROFESSIONALE DI APPARTENENZA (ULTIMI 15 ANNI)	<p>Researcher, Italian Multiple Sclerosis Foundation, 2011-2022</p> <p>Post Doc, Experimental Medicine Department, University of Genoa, 2009-2011</p> <p>PhD Student, Experimental Medicine Department, University of Genoa, 2006-2009</p> <p>Research Fellow, Department of Physiology and Pharmacology of CUNY (New York), 2007</p> <p>Collaborator, Experimental Medicine Department, University of Genoa, 2005</p> <p>Technical manager, Tutor and Teacher, www.matam.it, University of Genoa, 2005-2011</p>
CORSI DI AGGIORNAMENTO PROFESSIONALE (allegare eventuale Portfolio di formazione aziendale)	<p>CORSI SEGUITI IN QUALITA' DI DISCENTE</p> <p>///, ///, ///</p>

	<p>CORSI EROGATI IN QUALITA' DI DOCENTE</p> <p>2023: Scientific responsibility and Speaker for “Telieriabilitazione nella Sclerosi Multipla: dalla valutazione al trattamento” organized by the Italian Multiple Sclerosis Society (AISM)</p> <p>2023: Invited Speaker for “ECTRIMS Summer School 2023” organized by the ECTRIMS</p> <p>2022: Scientific responsibility and Speaker for “Stabilometria nella Sclerosi Multipla dalla valutazione alla misura di outcome” organized by the Italian Multiple Sclerosis Society (AISM)</p> <p>2021: Scientific Committee and Speaker for “Medicina digitale e teleriabilitazione durante ed oltre l'emergenza sanitaria focus su patologie neurologiche” organized by the Italian Multiple Sclerosis Society (AISM)</p> <p>2020: Invited Speaker for “Recenti acquisizioni nella sclerosi multipla” organized by the Italian Multiple Sclerosis Society (AISM)</p> <p>2019: Scientific responsibility and Speaker for "Education in specific biomedical devices classes" for the "Management of biomedical technologies" organized by the LIUC Business School</p> <p>2019: Scientific responsibility and Speaker for “Misure di outcome per la SM: aggiornamento della letteratura e training di somministrazione” organized by the Italian Multiple Sclerosis Society (AISM)</p> <p>2019: Scientific responsibility and Speaker for “Recenti acquisizioni nella sclerosi multipla: le tecnologie ambulatoriali e domiciliari per il trattamento riabilitativo della sclerosi multipla” organized by the Italian Multiple Sclerosis Society (AISM)</p> <p>2018: Invited Speaker for “La riabilitazione cognitiva ed in dual-task nella SM” organized by the Italian Multiple Sclerosis Society (AISM)</p> <p>2018: Invited Speaker for “Recenti acquisizioni nella sclerosi multipla” organized by the Italian Multiple Sclerosis Society (AISM) in Padua</p> <p>2018: Invited Speaker for “Recenti acquisizioni nella sclerosi multipla” organized by the Italian Multiple Sclerosis Society (AISM) in Genoa</p> <p>2017: Scientific responsibility and Speaker for “Ricerca nella SM: le tecnologie al servizio della riabilitazione” organized by the Italian Multiple Sclerosis Society (AISM)</p> <p>2012: Invited Speaker for “Una ricerca di qualità: analisi degli aspetti metodologici della ricerca psicologica nella Sclerosi Multipla” organized by the Italian Multiple Sclerosis Society (AISM)</p> <p>2009: Teacher for "Information and Communication Technology" for the Ordine dei Medici of Genoa</p>
<p>GRUPPI DI LAVORO/PROGETTI</p>	<p>Member of the Scientific Committee of "Rete Psicologi", an initiative organized by the Italian Multiple Sclerosis Society (AISM) to share scientific knowledge among psychologists expert of Multiple Sclerosis.</p> <p>Member of the workgroup for the "MANIFESTO PER UNA SANITA' INTELLIGENTE", an initiative organized by i-com organization on the role of Artificial Intelligence in Public Health.</p> <p>Associate editor: Frontiers in Human Neuroscience</p>

ATTIVITA' SCIENTIFICA

<p>AUTORE/COAUTORE DELLE SEGUENTI PUBBLICAZIONI (ARTICOLI SCIENTIFICI)</p>	<ol style="list-style-type: none"> 1. Tacchino A, Podda J, Bergamaschi V, Pedullà L, Bricchetto G. “Cognitive rehabilitation in multiple sclerosis: Three digital ingredients to address current and future priorities.” Front Hum Neurosci. 2023 Feb 23;17:1130231. 2. Pedullà L, Santoyo-Medina C, Novotna K, Moundjian L, Smedal T, Arntzen EC, van der Linden ML, Learmonth Y, Kalron A, Güngör F, Nedeljkovic U, Kos D, Jonsdottir J, Coote S, Tacchino A. “Physical Activity in Multiple Sclerosis: Meeting the Guidelines at the Time of the COVID-19 Pandemic.” J Neurol Phys Ther. 2023 Apr 1;47(2):112-121.
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3. Jonsdottir J, Santoyo-Medina C, Kahraman T, Kalron A, Rasova K, Moumdjian L, Coote S, Tacchino A, Grange E, Smedal T, Arntzen EC, Learmonth Y, Pedulla L, Quinn G, Kos D. "Changes in physiotherapy services and use of technology for people with multiple sclerosis during the COVID-19 pandemic." *Mult Scler Relat Disord*. 2023 Mar;71:104520.
4. Carpinella I, Anastasi D, Gervasoni E, Di Giovanni R, Tacchino A, Bricchetto G, Confalonieri P, Rovaris M, Solaro C, Ferrarin M, Cattaneo D. "Balance Impairments in People with Early-Stage Multiple Sclerosis: Boosting the Integration of Instrumented Assessment in Clinical Practice." *Sensors (Basel)*. 2022 Dec 6;22(23):9558.
5. Ponzio M, Monti MC, Mallucci G, Borrelli P, Fusco S, Tacchino A, Bricchetto G, Tronconi L, Montomoli C, Bergamaschi R. "The economic impact of comorbidity in multiple sclerosis." *Neurol Sci*. 2023 Mar;44(3):999-1008.
6. Solaro C, Di Giovanni R, Grange E, Bricchetto G, Mueller M, Tacchino A, Bertoni R, Patti F, Pappalardo A, Prosperini L, Castelli L, Rosato R, Cattaneo D, Marengo D. "Correlation between patient-reported manual ability and three objective measures of upper limb function in people with multiple sclerosis." *Eur J Neurol*. 2023 Jan;30(1):172-178.
7. Ponzio M, Tacchino A, Amicizia D, Piazza MF, Paganino C, Trucchi C, Astengo M, Simonetti S, Gallo D, Sansone A, Bricchetto G, Battaglia MA, Ansaldi F. "Prevalence of multiple sclerosis in Liguria region, Italy: an estimate using the capture-recapture method". *Neurol Sci*. 2022 May;43(5):3239-3245.
8. Carpinella I, Gervasoni E, Anastasi D, Di Giovanni R, Tacchino A, Bricchetto G, Confalonieri P, Solaro C, Rovaris M, Ferrarin M, Cattaneo D. "Walking With Horizontal Head Turns Is Impaired in Persons With Early-Stage Multiple Sclerosis Showing Normal Locomotion." *Front Neurol*. 2022 Jan 28;12:821640.
9. Podda J, Tacchino A, Pedullà L, Monti Bragadin M, Battaglia MA, Bricchetto G, Ponzio M. "Mind wandering in people with Multiple Sclerosis: A psychometric study." *Mult Scler Relat Disord*. 2022 Jan 11;58:103521.
10. Kahraman T, Rasova K, Jonsdottir J, Medina CS, Kos D, Coote S, Tacchino A, Smedal T, Arntzen EC, Quinn G, Learmonth Y, Pedulla L, Moumdjian L, Kalron A. "The impact of the COVID-19 pandemic on physical therapy practice for people with multiple sclerosis: A multicenter survey study of the RIMS network." *Mult Scler Relat Disord*. 2022 Apr 10;62:103799.
11. Di Giovanni R, Solaro C, Grange E, Masuccio FG, Bricchetto G, Mueller M, Tacchino A. "A comparison of upper limb function in subjects with multiple sclerosis and healthy controls using an inertial measurement unit." *Mult Scler Relat Disord*. 2021 May 23;53:103036.
12. Carpinella I, Gervasoni E, Anastasi D, Di Giovanni R, Tacchino A, Bricchetto G, Confalonieri P, Rovaris M, Solaro C, Ferrarin M, Cattaneo D. "Instrumentally assessed gait quality is more relevant than gait endurance and velocity to explain patient-reported walking ability in early-stage multiple sclerosis." *Eur J Neurol*. 2021 Jul;28(7):2259-2268.
13. Podda J, Ponzio M, Pedullà L, Monti Bragadin M, Battaglia MA, Zaratin P, Bricchetto G, Tacchino A. "Predominant cognitive phenotypes in multiple sclerosis: Insights from patient-centered outcomes." *Mult Scler Relat Disord*. 2021 Jun;51:102919.
14. Veldkamp R, Baert I, Kalron A, Romberg A, Tacchino A, Giffroy X, Coninx K, Feys P. "Associations between clinical characteristics and dual task performance in Multiple Sclerosis depend on the cognitive and motor dual tasks used." *Mult Scler Relat Disord*. 2021 Aug 29;56:103230.
15. Grange E, Marengo D, Di Giovanni R, Mueller M, Bricchetto G, Tacchino A, Bertoni R, Patti F, Pappalardo A, Prosperini L, Castelli L, Rosato R, Cattaneo D, Solaro C. "Italian translation and psychometric validation of the ABILHAND-26 and its correlation with upper limb objective and subjective measures in multiple sclerosis subjects." *Mult Scler Relat Disord*. 2021 Jul 21;55:103160.

16. Ponzio M, Tacchino A, Amicizia D, Piazza MF, Paganino C, Trucchi C, Astengo M, Simonetti S, Gallo D, Sansone A, Bricchetto G, Battaglia MA, Ansaldi F. "Prevalence of multiple sclerosis in Liguria region, Italy: an estimate using the capture-recapture method". *Neurol Sci.* 2021 Nov 24.
17. Veldkamp R, Kalron A, Baert I, Hämäläinen P, Tacchino A, D'hooge M, Giffroy X, Van Geel F, Raats J, Van Wijmeersch B, Feys P. "Differential effects and discriminative validity of motor and cognitive tasks varying in complexity on cognitive-motor interference in persons with mild to moderate disability due to Multiple Sclerosis." *Mult Scler.* 2021 Feb 10:1352458520986960.
18. Prada V, Tacchino A, Podda J, Pedullà L, Konrad G, Battaglia MA, Bricchetto G, Monti Bragadin M. "Mam36 and Abilhand as outcome measures of multiple sclerosis hand disability: an observational study." *Eur J Phys Rehabil Med.* 2020 Dec 11.
19. Podda J, Pedullà L, Monti Bragadin M, Piccardo E, Battaglia MA, Bricchetto G, Bove M, Tacchino A. "Spatial constraints and cognitive fatigue affect motor imagery of walking in people with Multiple Sclerosis." *Sci Rep.* 2020 Dec 14;10(1):21938.
20. Cattaneo D, Gervasoni E, Anastasi D, Di Giovanni R, Bricchetto G, Carpinella I, Cavalla P, Confalonieri P, Groppo E, Prosperini L, Tacchino A, Rovaris M, Solaro C. "Prevalence and patterns of subclinical motor and cognitive impairments in nondisabled subjects with early Multiple Sclerosis: a multicenter cross-sectional study." *Ann Phys Rehabil Med.* 2021 Jan 14:101491.
21. Podda J, Tacchino A, Pedullà L, Monti Bragadin M, Battaglia MA, Bricchetto G. "Focus on neglected features of cognitive rehabilitation in MS: Setting and mode of the treatment." *Mult Scler.* 2020 Oct 13:1352458520966300.
22. Pedullà L, Tacchino A, Podda J, Monti Bragadin M, Bonzano L, Battaglia MA, Bove M, Bricchetto G, Ponzio M. "The patients' perspective on the perceived difficulties of dual-tasking: development and validation of the Dual-task Impact on Daily-living Activities Questionnaire (DIDA-Q)." *Mult Scler Relat Disord.* 2020 Nov;46:102601.
23. Kalron A, Ehling R, Baert I, Smedal T, Rasova K, Heric-Mansrud A, Elorriage I, Nedeljkovic U, Tacchino A, Gargul L, Gusowski K, Cattaneo D, Borgers S, Hebert J, Dalgas U, Feys P. "Improving our understanding of the most important items of the Multiple Sclerosis Walking Scale-12 indicating mobility dysfunction: Secondary results from a RIMS multicenter study." *Mult Scler Relat Disord.* 2020 Sep 14;46:102511.
24. Podda J, Ponzio M, Messmer Uccelli M, Pedullà L, Bozzoli F, Molinari F, Monti Bragadin M, Battaglia MA, Zaratini P, Bricchetto G, Tacchino A. "Predictors of clinically significant anxiety in people with multiple sclerosis: a one-year follow-up study." *Mult Scler Relat Disord.* 2020 Oct;45:102417.
25. Monti Bragadin M, Motta R, Messmer Uccelli M, Tacchino A, Ponzio M, Podda J, Konrad G, Rinaldi S, Della Cava M, Battaglia MA, Bricchetto G. "Lower urinary tract dysfunction in patients with multiple sclerosis: A post-void residual analysis of 501 cases." *Mult Scler Relat Disord.* 2020 Oct;45:102378.
26. Solaro C, Di Giovanni R, Grange E, Mueller M, Messmer Uccelli M, Bertoni R, Bricchetto G, Tacchino A, Patti F, Pappalardo A, Prosperini L, Castelli L, Rosato R, Cattaneo D, Marengo D. "Box and Block Test, Hand Grip Strength, and 9-Hole Peg Test: Correlations between Three Upper Limb Objective Measures in Multiple Sclerosis." *Eur J Neurol.* 2020 Dec;27(12):2523-2530
27. Prosperini L, Tomassini V, Castelli L, Tacchino A, Bricchetto G, Cattaneo D, Solaro CM. "Exergames for balance dysfunction in neurological disability: a meta-analysis with meta-regression." *J Neurol.* 2020 May 23.
28. Tacchino A, Ponzio M, Pedullà L, Podda J, Bragadin MM, Pedrazzoli E, Konrad G, Battaglia MA, Mokkink L, Bricchetto G. "Italian validation of the Arm Function in Multiple Sclerosis Questionnaire (AMSQ)." *Neurol Sci.* 2020 Nov;41(11):3273-3281.

29. Mestanza Mattos FG, Gervasoni E, Anastasi D, Giovanni RD, Tacchino A, Bricchetto G, Carpinella I, Confalonieri P, Vercellino M, Solaro C, Rovaris M, Cattaneo D. "Assessing balance in non-disabled subjects with multiple sclerosis: Validation of the Fullerton Advanced Balance Scale." *Mult Scler Relat Disord.* 2020 Apr 13;42:102085.
30. Caronni A, Gervasoni E, Ferrarin M, Anastasi D, Bricchetto G, Confalonieri P, Di Giovanni R, Prosperini L, Tacchino A, Solaro C, Rovaris M, Cattaneo D, Carpinella I. "Local Dynamic Stability of Gait in People with Early Multiple Sclerosis and No-to-Mild Neurological Impairment." *IEEE Trans Neural Syst Rehabil Eng.* 2020 Jun;28(6):1389-1396.
31. Tacchino A, Veldkamp R, Coninx K, Brulmans J, Palmaers S, Hämäläinen P, D'hooge M, Vanzeir E, Kalron A, Bricchetto G, Feys P, Baert I. "Design, Development, and Testing of an App for Dual- Task Assessment and Training Regarding Cognitive-Motor Interference (CMI-APP) in People With Multiple Sclerosis: Multicenter Pilot Study." *JMIR Mhealth Uhealth.* 2020 Apr 16;8(4):e15344.
32. Solaro C, Di Giovanni R, Grange E, Bricchetto G, Mueller M, Tacchino A, Bertoni R, Patti F, Pappalardo A, Prosperini L, Castelli L, Rosato R, Cattaneo D, Marengo D. "Italian translation and psychometric validation of the Manual Ability Measure-36 (MAM-36) and its correlation with an objective measure of upper limb function in patients with multiple sclerosis." *Neurol Sci.* 2020 Jun;41(6):1539-1546.
33. Ponzio M, Tacchino A, Vaccaro C, Traversa S, Bricchetto G, Battaglia MA, Uccelli MM. "Unmet needs influence health-related quality of life in people with multiple sclerosis." *Mult Scler Relat Disord.* 2020 Feb;38:101877.
34. Bricchetto G, Monti Bragadin M, Fiorini S, Battaglia MA, Konrad G, Ponzio M, Pedullà L, Verri A, Barla A, Tacchino A. "The hidden information in patient-reported outcomes and clinician-assessed outcomes: multiple sclerosis as a proof of concept of a machine learning approach." *Neurol Sci.* 2020 Feb;41(2):459-462.
35. Bonzano L, Pedullà L, Pardini M, Tacchino A, Zaratin P, Battaglia MA, Bricchetto G, Bove M. "Brain activity pattern changes after adaptive working memory training in multiple sclerosis." *Brain Imaging Behav.* 2020 Feb;14(1):142-154.
36. Boffa G, Tacchino A, Sbragia E, Schiavi S, Droby A, Piaggio N, Bommarito G, Girardi G, Mancardi GL, Bricchetto G, Inglese M. "Preserved brain functional plasticity after upper limb task-oriented rehabilitation in progressive multiple sclerosis." *Eur J Neurol.* 2020 Jan;27(1):77-84.
37. Kalkers NF, Galan I, Kerbrat A, Tacchino A, Kamm CP, O'Connell K, McGuigan C, Edan G, Montalban X, Uitdehaag BM, Mokkink LB. "Differential item functioning of the Arm function in Multiple Sclerosis Questionnaire (AMSQ) by language, a study in six countries." *Mult Scler.* 2019 Dec 17:1352458519895450.
38. Veldkamp R, Baert I, Kalron A, Tacchino A, D'hooge M, Vanzeir E, Van Geel F, Raats J, Goetschalckx M, Bricchetto G, Shalmoni N, Hellinckx P, De Weerd N, De Wilde D, Feys P. "Structured Cognitive-Motor Dual Task Training Compared to Single Mobility Training in Persons with Multiple Sclerosis, a Multicenter RCT." *J Clin Med.* 2019 Dec 10;8(12):2177.
39. Bricchetto G, Pedullà L, Podda J, Tacchino A. "Beyond center-based testing: Understanding and improving functioning with wearable technology in MS." *Mult Scler.* 2019 Sept;25(10):1402-1411.
40. Solari A, Giovannetti AM, Giordano A, Tortorella C, Torri Clerici V, Bricchetto G, Granella F, Lugaresi A, Patti F, Salvetti M, Pesci I, Pucci E, Centonze D, Danni MC, Bonavita S, Ferraro D, Gallo A, Gajofatto A, Nociti V, Grimaldi L, Grobberio M, Lanzillo R, Di Giovanni R, Gregori S, Manni A, Pietrolongo E, Bertagnoli S, Ronzoni M, Compagnucci L, Fantozzi R, Allegri B, Arena S, Buscarinu MC, Sabattini L, Quartuccio ME, Tsantes E, Confalonieri P, Tacchino A, Schiffmann I, Rahn AC, Kleiter I, Messmer Uccelli M, Barabasch A, Heesen C, The ManTra Project. "Conversion to Secondary

- Progressive Multiple Sclerosis: Patient Awareness and Needs. Results From an Online Survey in Italy and Germany.” *Front Neurol*. 2019 Aug 22;10:916
41. Bonzano L, Pedullà L, Tacchino A, Bricchetto G, Battaglia MA, Mancardi GL, Bove M. “Upper Limb Motor Training Based on Task-Oriented Exercises Induces Functional Brain Reorganization in Patients with Multiple Sclerosis.” *Neuroscience*. 2019 Jul 1;410:150-159.
 42. Solaro C, Cattaneo D, Bricchetto G, Castelli L, Tacchino A, Gervasoni E, Prosperini L. “Clinical correlates of 9-hole peg test in a large population of people with multiple sclerosis”. *Mult Scler Relat Disord*. 2019 Jan 28;30:1-8.
 43. Ponzio M, Tacchino A, Vaccaro C, Bricchetto G, Battaglia MA, Messmer Uccelli M. “Disparity between perceived needs and service provision: a cross-sectional study of Italians with multiple sclerosis”. *Neurol Sci*. 2019 Jun;40(6):1137-1144.
 44. Tacchino A, Bricchetto G, Zaratini P, Battaglia MA, Ponzio M. “Self-assessment reliability in multiple sclerosis: the role of socio-demographic, clinical, and quality of life aspects”. *Neurol Sci*. 2019 Mar;40(3):617-620.
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 46. Baert I, Smedal T, Kalron A, Rasova K, Heric-Mansrud A, Ehling R, Elorriaga Minguez I, Nedeljkovic U, Tacchino A, Hellinckx P, Adriaenssens G, Stachowiak G, Gusowski K, Cattaneo D, Borgers S, Hebert J, Dalgas U, Feys P. “Responsiveness and meaningful improvement of mobility measures following MS rehabilitation”. *Neurology*. 2018 Nov 13;91(20):e1880-e1892.
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 48. Ponzio M, Messmer Uccelli M, Lionetti S, Barattini DF, Bricchetto G, Zaratini P, Battaglia MA, Tacchino A. “User testing as a method for evaluating subjects' understanding of informed consent in clinical trials in multiple sclerosis”. *Mult Scler Relat Disord*. 2018 Oct;25:108-111.
 49. Tacchino A, Saiote C, Bricchetto G, Bommarito G, Roccatagliata L, Cordano C, Battaglia MA, Mancardi GL, Inglese M. “Motor Imagery as a Function of Disease Severity in Multiple Sclerosis: An fMRI Study”. *Front Hum Neurosci*. 2018 Jan 11;11:628.
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	<p>70. Bonzano L, Tacchino A, Roccatagliata L, Mancardi GL, Abbruzzese G, Bove M. “Structural integrity of callosal midbody influences intermanual transfer in a motor reaction-time task”. Human Brain Mapping 2010 Jan 28; 32(2):218-28</p> <p>71. Rizzo V, Bove M, Naro A, Tacchino A, Mastroeni C, Avanzino L, Crupi D, Morgante F, Siebner HR, Quartarone A. “Associative cortico-cortical plasticity may affect ipsilateral finger opposition movements”. Behav Brain Res 2011 Jan 1;216(1):433-9</p> <p>72. Avanzino L, Tacchino A, Abbruzzese G, Quartarone A, Ghilardi MF, Bonzano L, Ruggeri P, Bove M. “Recovery of motor performance deterioration induced by a demanding finger motor task does not follow cortical excitability dynamics”. Neuroscience 2010 Nov 11; 174:84-90</p> <p>73. Bove M, Tacchino A, Pelosin E, Moisello C, Abbruzzese G, Ghilardi MF. “Spontaneous movement tempo is influenced by observation of rhythmical actions”. Brain Res Bull. 2009 Sep 28;80(3):122-7</p> <p>74. Avanzino L, Giannini A, Tacchino A, Pelosin E, Ruggeri P, Bove M. “Motor imagery influences the execution of repetitive finger opposition movements”. Neurosci Lett. 2009 Nov 27;466(1):11-5</p> <p>75. Bove M, Fenoglio C, Tacchino A, Pelosin E, Schieppati M. “Interaction between vision and neck proprioception in the control of stance”. Neuroscience. 2009 Dec 29;164(4):1601-8</p> <p>76. Avanzino L, Bove M, Tacchino A, Ruggeri P, Giannini A, Trompetto C, Abbruzzese G. “Cerebellar involvement in timing accuracy of rhythmic finger movements in essential tremor” Eur J Neurosci. 2009 Nov 11; 30(10):1971-79</p> <p>77. Avanzino L, Bove M, Tacchino A, Trompetto C, Ogliaastro C, Abbruzzese G. “Interaction between finger opposition movements and aftereffects of 1Hz-rTMS on ipsilateral motor cortex”. J. Neurophysiol. 2008 Jun 18; 101(3):1690-94</p> <p>78. Bonzano L, Tacchino A, Roccatagliata L, Abbruzzese G, Mancardi GL, Bove M. “Callosal contributions to simultaneous bimanual finger movements”. J. Neurosci. 2008 Mar 19;28(12):3227-33</p> <p>79. Avanzino L, Bove M, Trompetto C, Tacchino A, Ogliaastro C, Abbruzzese G. “1-Hz repetitive TMS over ipsilateral motor cortex influences the performance of sequential finger movements of different complexity”. Eur J Neurosci. 2008 Mar;27(5):1285-91.</p> <p>80. Bove M, Tacchino A, Novellino A, Trompetto C, Abbruzzese G, Ghilardi MF. “The effects of rate and sequence complexity on repetitive finger movements”. Brain Res. 2007 Jun 11;1153:84- 91.</p> <p>81. Bove M, Faelli E, Tacchino A, Lofrano F, Cogo CE, Ruggeri P. “Postural control after a strenuous treadmill exercise”. Neurosci Lett. 2007 May 18;418(3):276-81.</p>
AUTORE/COAUTORE DELLE SEGUENTI PUBBLICAZIONI (LIBRI O CAPITOLI DI LIBRI)	///, ///, ///
PROGETTI DI RICERCA ACCADEMICI	<p>PARTICIPANT - Validating digital mobility assessment using wearable technology – the Mobilise-D MS STUDY. (Funded by The Newcastle upon Tyne Hospitals NHS Foundation Trust (NuTH)).</p> <p>PARTICIPANT - Rehabilitation impact on the social cost and on the quality of life in MS as a model of physical disability (Funded by Health Italian Minister in 2008)</p>
CONGRESSI	<p>CONGRESSI IN QUALITA’ DI UDITORE ///, ///, ///</p> <p>CONGRESSI IN QUALITA’ DI RELATORE</p> <ol style="list-style-type: none"> 1. A. Tacchino, “Intervento cognitivo e sui disturbi dell’attenzione” – RODEO – Genoa - (Invited) 2. A. Tacchino, “Smart Home Technologies. User perspectives in MS. A pilot study” – SigMobility RIMS 2023 – Bilbao 3. A. Tacchino, “COVID 19 and its impact on healthcare professionals and rehabilitation centers. The RIMS international survey” – RIMS Webinar - (Invited)

4. A. Tacchino, "La riabilitazione del paziente SM. Tecnologie: dalla robotica alla realtà virtuale." Phygital communication: nuovi strumenti per la gestione del paziente con Sclerosi Multipla – Castel Gandolfo (RM) - (Invited)
5. A. Tacchino, "Wearable technology in MS" ECTRIMS 2022 – Amsterdam - (Invited)
6. A. Tacchino, C. Santoyo-Medina, K. Novotna, L. Moundjian, T. Smedal, E.C. Arntzen, M.L. van der Linden, Y. Learmonth, A. Kalron, F. Güngör, U. Nedeljkovic, D. Kos, J. Jonsdottir, S. Coote, E. Grange, L. Pedullà, "Attività fisica nella Sclerosi Multipla: rispettare le raccomandazioni degli esperti al tempo della pandemia di COVID-19." SIRN 2022 – Napoli
7. A. Tacchino, J. Podda, "Monitoraggio con APP del deterioramento cognitivo in neurologia: il caso della sclerosi multipla." - Convegno ProSIT – Pisa - (Invited)
8. A. Tacchino, "Come le Associazioni di pazienti vedono la medicina digitale? Ci sono già delle iniziative intraprese? Cosa fare e con quali priorità?" - Webinar: La trasformazione digitale in medicina - (Invited)
9. A. Tacchino, G. Bricchetto, "Teleriabilitazione fisica" – Digital Health Campus – Live the Innovation Experience – Roma - (Invited)
10. Tacchino, "AISM: what has changed in the digital era?" A digital journey – Anacapri - (Invited)
11. Tacchino "Studio retrospettivo di correlazione tra variabili cliniche di valutazione della respirazione/fonazione e patient reported outcomes in persone con sclerosi multipla." SIRN 2021 – Roma
12. Tacchino, L. Pedullà, J. Podda, M. Monti Bragadin, M.A. Battaglia, M. Pau, G. Bricchetto, "Tele-assessment in Multiple Sclerosis. Results from a survey on health practitioners." Virtual SigMobility RIMS 2020
13. Tacchino, J. Podda, M. Ponzio, L. Bozzo, M. Monti Bragadin, G. Konrad, L. Pedullà, G. Bricchetto, "Balance, depression, anxiety, QoL and fatigue in Multiple Sclerosis: a correlation study between a computerized dynamic stabilometric test and Patient Reported Outcomes". Virtual SigMobility RIMS 2020
14. Tacchino "Retrospective study of correlation between balance assessed with computerized dynamic stabilometric and patient reported outcomes in people with Multiple Sclerosis." SIRN 2019 – Perugia
15. Tacchino, "Physical, cognitive and social monitoring towards self-management delivery in patient with multiple sclerosis." RIMS 2019 – Ljubljana
16. Tacchino, "From motor-cognitive to social aspects in MS." FISM meets IIT workshop 2019 – Genova
17. Tacchino, "Tecnologia: dalla robotica alla realtà virtuale." Convegno: La riabilitazione della Sclerosi multipla: dalla presa in carico alle tecnologie innovative – Fondazione Don Carlo Gnocchi Onlus, Firenze - (Invited)
18. Tacchino, "Patient-Reported Outcomes (cosa sono, come vengono utilizzati)" GIORNATA NAZIONALE SISM 2019 – Bologna - (Invited)
19. Tacchino, L. Pellegrino, G. Stranieri, G. Bricchetto, M. Coscia, M. Casadio, "Kinematics, muscular activity and spinal maps activation during activities of daily living: new hints for MS rehabilitation". SigMobility RIMS 2019 - Tel Aviv
20. Tacchino, "Task-oriented rehabilitation in Multiple Sclerosis: technological solutions for motor evaluation". SigOccupation RIMS 2019 - Genoa - (Invited)
21. Tacchino, J. Podda, "Neuropsychological Rehabilitation – Cognitive Training and other Techniques" (Practical Session). Workshop RIMS 2019 – Milan - (Invited)
22. Tacchino, "Ruolo dello psicologo nell'aderenza al trattamento (farmacologico e riabilitativo)" 11° CONVEGNO NAZIONALE RETE PSICOLOGI 2019 – Roma - (Invited)
23. Tacchino, "Long term motor-cognitive monitoring in MS." RIMS 2018 – Amsterdam

24. Tacchino, L. Pedullà, P. Canepa, L. Bonzano, C. Monteleoni, M.A. Battaglia, G. Bricchetto, M. Bove, "Wind of Change: an Italian initiative to promote water sports in people with multiple sclerosis". SigMobility RIMS 2018 - Glasgow
25. Tacchino, S. Fiorini, M. Ponzio, A. Barla, A. Verri, G. Bricchetto, "Predizione del decorso di malattia nella Sclerosi Multipla. Un approccio con tecniche di Machine Learning." SIRN 2017 – Pisa
26. Tacchino, M. Babazadeh, G.L. Mancardi, G. Bricchetto, "The effect of yoga in people with Multiple Sclerosis." RIMS 2017 – Barcelona, Spain
27. Tacchino, "Il punto di vista dell'end-user" CTI Liguria – Genova - (Invited)
28. Tacchino, "Strategie di utilizzo delle nuove tecnologie per la valutazione dei disturbi cognitivi" 9° CONVEGNO NAZIONALE RETE PSICOLOGI 2017 – Roma - (Invited)
29. Tacchino, L. Pedullà, A. Bisio, L. Bonzano, M. Bove, M.A. Battaglia, G. Bricchetto, "Sviluppo di un core- utcome set per la valutazione della scrittura in persone affette da Sclerosi Multipla." SIMFER 2017 – Genova
30. Tacchino, S. Fiorini, M. Ponzio, A. Barla, A. Verri, M.A. Battaglia, G. Bricchetto, "Multiple Sclerosis disease course prediction: a machine learning model based on patient reported and clinician assessed outcomes." ECTRIMS 2017 – Paris, France
31. Tacchino, "Nuove tecnologie al servizio della riabilitazione" 2° NaplesMeeting 2016 – Naples - (Invited)
32. Tacchino, G. Bricchetto, "L'equilibrio personalizzato" Festival della Scienza 2015 – Genova
33. Tacchino, L. Pedullà, C. Vassallo, L. Bonzano, M.A. Battaglia, M. Bove, G. Bricchetto, "Riabilitazione cognitiva nella Sclerosi multipla: Self-management della malattia: una applicazione mobile per il training cognitivo domiciliare" SIN 2015 - Genova
34. Tacchino, M.A. Battaglia, M. Bove, L. Pedullà, G. Bricchetto, "Mentally simulated motor actions in neurorehabilitation. A pilot study in Multiple Sclerosis". The CONSORTIUM of Multiple Sclerosis Centers 2015 – Indianapolis, Indiana
35. Tacchino, F. Pavan, E. Pedrazzoli, R. Verza, G. Cancellieri, F. Coaro, M.A. Battaglia, G. Bricchetto, "Effetto dell'osservazione di azioni sul cammino in persone con Sclerosi Multipla". SIRN 2015 – Novara
36. Tacchino, G. Bricchetto, Workshop: "Biofeedback Treatments: Videos and data from recent studies" 20th Annual RIMS Conference 2015 - Milan - (Invited)
37. Tacchino, M.A. Battaglia, M. Bove, L. Pedullà, G. Bricchetto, "Mentally simulated motor actions in neurorehabilitation. A pilot study in Multiple Sclerosis" 20th Annual RIMS Conference 2015 - Milan
38. Tacchino, E. d'Amico, M. Ponzio, S. Facchinetti, G. Bricchetto, M. Bulgheroni, "Predisposition and motivation assessment in using technologies in multiple sclerosis. A questionnaire on a wearable tool for unobtrusive motor and cognitive monitoring" 20th Annual RIMS Conference 2015 - Milan
39. Tacchino, G. Bricchetto, R. Teodorescu, L. Roccatagliata, G. Bommarito, C. Cordano, G.L. Mancardi, M.A. Battaglia, M. Inglese – "Brain activity during mental imagery in Multiple Sclerosis" SIPF 2014 - Firenze
40. Tacchino, G. Bricchetto, L. Pedullà, "Il recupero del tempo perduto - La sclerosi multipla e le frontiere della neuro-riabilitazione" Festival della Scienza 2014 - Genova
41. Tacchino, "Riabilitazione cognitiva nella Sclerosi Multipla - Un trattamento personalizzato intensivo a domicilio tramite un'applicazione per tablet non commerciale." SIMFER 2014 - Torino
42. Tacchino, "Social cognition decline in Multiple Sclerosis. Evidences from intention recognition" The CONSORTIUM of Multiple Sclerosis Centers 2014 - Dallas, Texas
43. Tacchino, "Impairment in motor imagery progressively increases with Multiple Sclerosis disease evolution" The CONSORTIUM of Multiple Sclerosis Centers 2014 - Dallas, Texas

	<p>44. Tacchino, “L’immaginazione motoria nella locomozione è preservata in persone con Sclerosi Multipla? Uno studio pilota.” SIRN 2014 - Genova</p> <p>45. Tacchino, “Immaginazione motoria nella Sclerosi Multipla: dipendenza dall’evoluzione della malattia” SIRN 2014 - Genova</p> <p>46. Tacchino, G. Bricchetto, L. Pedullà, “La Bellezza Indispensabile” Festival della Scienza 2013 – Genova</p> <p>47. Tacchino, “Effects Of Action Observation On Gait In Patients With Multiple Sclerosis A Pilot Study” The CONSORTIUM of Multiple Sclerosis Centers 2013 - Orlando, Florida</p> <p>48. Tacchino, “La Bioingegneria nella Terapia Occupazionale: passato, presente, futuro” IV Congresso nazionale di Terapia Occupazionale – Roma</p> <p>49. Tacchino, “Il possibile ruolo delle Neuroscienze nella Terapia occupazionale del futuro” IV Congresso nazionale di Terapia Occupazionale – Roma</p> <p>50. Tacchino, “A new tool to evaluate superior arm movement in Multiple Sclerosis subjects during rehabilitation” The CONSORTIUM of Multiple Sclerosis Centers 2012 – San Diego, California</p> <p>51. Tacchino, G. Bricchetto, F. Lugaro, D. Nevoso, “Riabilitare immaginando” Festival della Scienza 2012 – Genova</p> <p>52. A. Tacchino, “Mentally simulated motor actions in neurorehabilitation: a new protocol for patients with Multiple Sclerosis” SIRN 2012 - Milano</p>
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Il sottoscritto __Andrea Tacchino_____, consapevole delle sanzioni penali richiamate dall’art. 76 del D.P.R. 28 dicembre 2000 n. 445 e s.m.i. in caso di dichiarazioni mendaci e della decadenza dei benefici eventualmente conseguiti al provvedimento emanato sulla base di dichiarazioni non veritiere, di cui all’art. 75 del richiamato D.P.R.; ai sensi e per gli effetti del D.P.R. 445/2000 e s.m.i. sotto la propria responsabilità.

Data 20/06/2023

Firma Andrea Tacchino

