

DANIELE CORBO

Birth to Benevento, 19 January 1983

Nationality Italy

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PROFESSIONAL EXPERIENCE

Feb. 2021-now Researcher at Department of Neuroradiology of University of Brescia
2017- 2021 Research contract at Neuroscience department of University of Brescia
2014-2017 Research contract at Neuroscience department of university of Parma
2013-2014 Research contract at Neurology department of second university of Neaples.

EDUCATION

30/07/2021 ICH GOOD CLINICAL PRACTICE E6 (score 94%) from The Global Health Network
June 2021 IDEA Sequence Programming virtual class
2009-2012 **PhD** about neuroscience at second university of Neaples.
2011 Stage about DTI at Neuroimaging Research Unit (Director Prof. M. Filippi) Institute of Experimental Neurology, Division of Neuroscience, Scientific Institute and University "Vita-Salute San Raffaele" of Milano.
June 2009 Advanced spectroscopy training class
2009 collaboration in department of neuroscience of Federico II University.
2008 Degree of second level in Biomedical Physics at Federico II University .
2006 **Stage** in X-ray micro-CT at Czech technical university of Prague.
2005 Degree of first level in Biomedical Physics at Federico II University .

PROFESSIONAL BACKGROUND

From July to September 2009

Research contract in the Department of Neurological surgery of the S.U.N.

June 2009.

Advanced spectroscopy training class.

From March to June 2009 in the Neuroscience department of Federico II university of Neaples.

Data processing of fMRI data.

From August 2006 to April 2007 in Micron technology Italia SRL.

Metrologist in turn and quality control.

2005 Policlinico of Neaples

Computer consultant deputated to administrate clinical datas of patients.

Computer skills

C , C++ , Java. R,SPSS

Lab view, Lab windows, imagej, photoshop, Matlab, Freesurfer, FSL, SPM, Statistica, VirtualDub, Camino,

Office (Word, Excel, Power Point), Lotus Notes, Windows, Linux, Debian, Ubuntu.

Server administration.

PAPER

Sawamura H, Urgan BA, Corbo D, Orban GA. A parietal region processing numerosity of observed actions: An fMRI study. *Eur J Neurosci*. 2020 Aug 3. doi: 10.1111/ejn.14930. Epub ahead of print. PMID: 32745369

Magni LR, Carcione A, Ferrari C, Semerari A, Riccardi I, Nicolo' G, Lanfredi M, Pedrini L, Cotelli M, Bocchio L, Pievani M, Gasparotti R, Rossi R; CLIMAMITHE Study group. Neurobiological and clinical effect of metacognitive interpersonal therapy vs structured clinical model: study protocol for a randomized controlled trial. *BMC Psychiatry*. 2019 Jun 24;19(1):195. doi: 10.1186/s12888-019-2127-2. PMID: 31234864; PMCID: PMC6591903

Observing Others Speak or Sing Activates Spt and Neighboring Parietal Cortex.

Corbo D, Orban GA.

J Cogn Neurosci. 2017 Feb 14:1-19. doi: 10.1162/jocn_a_01103.

P020. No evidence of microstructural changes in visual network in patients with migraine with aura: a diffusion tensor tract-based spatial statistic (TBSS) study.

Russo A, Conte F, Marcuccio L, **Corbo D**, Caiazzo G, Giordano A, Conforti R, Esposito F, Tessitore A, Tedeschi G.

J Headache Pain. 2015 Dec;16(Suppl 1):A163. doi: 10.1186/1129-2377-16-S1-A163.

Default mode network changes in multiple sclerosis: a link between depression and cognitive impairment?

Bonavita S, Sacco R, Esposito S, d'Ambrosio A, Della Corte M, **Corbo D**, Docimo R, Gallo A, Lavorgna L, Cirillo M, Biseco A, Esposito F, Tedeschi G.

Eur J Neurol. 2017 Jan;24(1):27-36. doi: 10.1111/ene.13112.

Cortical thickness changes in patients with Parkinson's disease and impulse control disorders.

Tessitore A, Santangelo G, De Micco R, Vitale C, Giordano A, Raimo S, **Corbo D**, Amboni M, Barone P, Tedeschi G.

Parkinsonism Relat Disord. 2015 Oct 20. pii: S1353-8020(15)30014-6. doi: 10.1016/j.parkreldis.2015.10.013.

Abnormal Connectivity Within Executive Resting-State Network in Migraine With Aura.

Tessitore A, Russo A, Conte F, Giordano A, De Stefano M, Lavorgna L, **Corbo D**, Caiazzo G, Esposito F, Tedeschi G.

Headache. 2015 Jun;55(6):794-805. doi: 10.1111/head.12587.

Cognitive impairment and memory disorders in relapsing-remitting multiple sclerosis: the role of white matter, gray matter and hippocampus.

Sacco R, Biseco A, **Corbo D**, Della Corte M, d'Ambrosio A, Docimo R, Gallo A, Esposito F, Esposito S, Cirillo M, Lavorgna L, Tedeschi G, Bonavita S.

J Neurol. 2015 May 10.

Increased interictal visual network connectivity in patients with migraine with aura.

Tedeschi G, Russo A, Conte F, **Corbo D**, Caiazzo G, Giordano A, Conforti R, Esposito F, Tessitore A. Cephalalgia. 2015 Apr 29. pii: 0333102415584360. [Epub ahead of print]

Microstructural Changes across Different Clinical Milestones of Disease in Amyotrophic Lateral Sclerosis.
Trojsi F, Caiazzo G, **Corbo D**, Piccirillo G, Cristillo V, Femiano C, Ferrantino T, Cirillo M, Monsurrò MR, Esposito F, Tedeschi G.
PLoS One. 2015 Mar 20;10(3):e0119045. doi: 10.1371/journal.pone.0119045

Computer-aided cognitive rehabilitation improves cognitive performances and induces brain functional connectivity changes in relapsing remitting multiple sclerosis patients: an exploratory study.
Bonavita S, Sacco R, Della Corte M, Esposito S, Sparaco M, d'Ambrosio A, Docimo R, Bisecco A, Lavorgna L, **Corbo D**, Cirillo S, Gallo A, Esposito F, Tedeschi G.
J Neurol. 2014 Oct 12

Functional overlap and divergence between ALS and bvFTD.
Trojsi F, Esposito F, de Stefano M, Buonanno D, Conforti FL, **Corbo D**, Piccirillo G, Cirillo M, Monsurrò MR, Montella P, Tedeschi G.
Neurobiol Aging. 2014 Jun 28. pii: S0197-4580(14)00463-1. doi: 10.1016/j.neurobiolaging.2014.06.025.

Clinical correlations of microstructural changes in progressive supranuclear palsy.
Tessitore A, Giordano A, Caiazzo G, **Corbo D**, De Micco R, Russo A, Liguori S, Cirillo M, Esposito F, Tedeschi G.
Neurobiol Aging. 2014 Oct;35(10):2404-10. doi: 10.1016/j.neurobiolaging.2014.03.028. Epub 2014 Mar 28.

The Italian Alzheimer's Disease Neuroimaging Initiative (I-ADNI): validation of structural MR imaging.
Cavedo E, Redolfi A, Angeloni F, Babiloni C, Lizio R, Chiapparini L, Bruzzone MG, Aquino D, Sabatini U, Alesiani M, Cherubini A, Salvatore E, Soricelli A, Vernieri F, Scrascia F, Sinfiorani E, Chiarati P, Bastianello S, Montella P, **Corbo D**, Tedeschi G, Marino S, Baglieri A, De Salvo S, Carducci F, Quattrocchi CC, Cobelli M, Frisoni GB.
J Alzheimers Dis. 2014;40(4):941-52. doi: 10.3233/JAD-132666.

Advantages of QBI in TBSS analyses.
Corbo D, Caiazzo G, Trojsi F, Monsurrò MR, Gallo A, Bonavita S, Tedeschi G, Esposito F.
Magn Reson Imaging. 2013 Oct 11. doi:pii: S0730-725X(13)00321-4.

Disrupted default mode network connectivity in migraine without aura.
Tessitore A, Russo A, Giordano A, Conte F, **Corbo D**, De Stefano M, Cirillo S, Cirillo M, Esposito F, Tedeschi G.
J Headache Pain. 2013 Nov 8;14(1):89.

Distributed corpus callosum involvement in amyotrophic lateral sclerosis: a deterministic tractography study using q-ball imaging.
Caiazzo G, **Corbo D**, Trojsi F, Piccirillo G, Cirillo M, Monsurrò MR, Esposito F, Tedeschi G.
J Neurol. 2013 Oct 15.

Frontotemporal Cortical Thinning in Amyotrophic Lateral Sclerosis.
d'Ambrosio A, Gallo A, Trojsi F, **Corbo D**, Esposito F, Cirillo M, Monsurrò MR, Tedeschi G.
AJNR Am J Neuroradiol. 2013 Oct 10.

Motor and extramotor neurodegeneration in amyotrophic lateral sclerosis: A 3T high angular resolution diffusion imaging (HARDI) study.
Trojsi F, **Corbo D**, Caiazzo G, Piccirillo G, Monsurrò MR, Cirillo S, Esposito F, Tedeschi G.
Amyotroph Lateral Scler Frontotemporal Degener. 2013 Apr 16.

Clinical and cognitive correlations of regional gray matter atrophy in progressive supranuclear palsy.

Giordano A, Tessitore A, **Corbo D**, Cirillo G, de Micco R, Russo A, Liguori S, Cirillo M, Esposito F, Tedeschi G.

Parkinsonism Relat Disord. 2013 Mar 7

Default-mode network connectivity in cognitively unimpaired patients with Parkinson disease.

Tessitore A, Esposito F, Vitale C, Santangelo G, Amboni M, Russo A, **Corbo D**, Cirillo G, Barone P, Tedeschi G.

Neurology. 2012 Oct 24.

Regional gray matter atrophy in patients with Parkinson disease and freezing of gait.

Tessitore A, Amboni M, Cirillo G, **Corbo D**, Picillo M, Russo A, Vitale C, Santangelo G, Erro R, Cirillo M, Esposito F, Barone P, Tedeschi G.

AJNR Am J Neuroradiol. 2012 Oct;33(9):1804-9. doi: 10.3174/ajnr.A3066. Epub 2012 Apr 26.

Visual resting-state network in relapsing-remitting MS with and without previous optic neuritis.

Gallo A, Esposito F, Sacco R, Docimo R, Bisecco A, Della Corte M, D'Ambrosio A, Corbo D, Rosa N, Lanza M, Cirillo S, Bonavita S, Tedeschi G.

Neurology. 2012 Sep 12. [Epub ahead of print]

Executive resting-state network connectivity in migraine without aura.

Russo A, Tessitore A, Giordano A, Corbo D, Marcuccio L, De Stefano M, Salemi F, Conforti R, Esposito F, Tedeschi G.

Cephalalgia. 2012 Aug 20. [Epub ahead of print]

Distributed changes in default-mode resting-state connectivity in multiple sclerosis.

Bonavita S, Gallo A, Sacco R, Corte MD, Bisecco A, Docimo R, Lavorgna L, Corbo D, Costanzo AD, Tortora F, Cirillo M, Esposito F, Tedeschi G.

Mult Scler. 2011 Apr;17(4):411-22. Epub 2011 Jan 14.

Interaction between aging and neurodegeneration in amyotrophic lateral sclerosis.

Tedeschi G, Trojsi F, Tessitore A, Corbo D, Sagnelli A, Paccone A, D'Ambrosio A, Piccirillo G, Cirillo M, Cirillo S, Monsurrò MR, Esposito F.

Neurobiol Aging. 2010 Aug 23. [Epub ahead of print]

ABSTRACT:

“High angular resolution diffusion imaging (HARDI) in Amyotrophic Lateral Sclerosis: insights into motor and extramotor pathways of neurodegeneration”

Trojsi F, G. Caiazzo, D. Corbo, F. Esposito, A. Sagnelli, G. Piccirillo, M. R. Monsurrò, G. Tedeschi.

“Voxel-based morphometry and functional magnetic resonance imaging study in amyotrophic lateral sclerosis (ALS) patients with behavioral impairment.”

The Italian Alzheimer's Disease Neuroimaging Initiative (IADNI)

Clinical Characterization and Methods

Cavedo E.^a, Babiloni C.^b, Redolfi A.^a, Lizio R.^c, Chiapparini L.^d, Sabatini U.^e, Soricelli A.^f, Vernieri F.^g, Sinfiorani E.^h, Tedeschi G.ⁱ, Marino S.^l, Bruzzone MG.^d, Acquino D.^d, Alesiani M.^e, Cherubini A.

^e,Salvatore E.¹, Angeloni F.^f, Scrascia F.^g, Patrizia Chiarati^h, Paolo Vitali^h, Montella P.ⁱ, Daniele Corboⁱ, Annalisa Baglieri,¹ Placido Bramanti¹, Carducci F.^m, Carlo C. Quattrocchiⁿ and Frisoni G.B.^a

DEFAULT-MODE RESTING-STATE FUNCTIONAL CONNECTIVITY IN AMYOTROPHIC LATERAL SCLEROSIS: INTERACTION OF AGING AND NEURODEGENERATION

Trojci F, F.Esposito, D.Corbo, A.Sagnelli, A.Paccone, G.Piccirillo, A.Tessitore, M.Cirillo, S.Cirillo, M.R.Monsurrò, G.Tedeschi.

Extra-motor involvement in ALS patients: a cortical thickness 3T MRI study.A. d'Ambrosio^{1,3}, A. Gallo^{1,3}, F. Trojsi^{1,3}, F. Esposito^{2,3}, D. Corbo^{1,3}, M. Cirillo^{1,3}, A. Paccone³, S. Cirillo^{1,3}, M. R. Monsurrò^{1,3}, G. Tedeschi^{1,3}

REDUCED GRAY MATTER VOLUME IN PATIENTS WITH PARKINSON'S DISEASE AND FREEZING OF GAIT AT THE "ON-STATE": A VOXEL BASED MORPHOMETRY STUDY

Giovanni Cirillo¹, Alessandro Tessitore¹, Marianna Amboni²⁻³, Daniele Corbo¹, Marina Picillo², Alfonso Giordano¹, Maria Teresa Pellicchia², Gioacchino Tedeschi¹ e Paolo Barone².

VALUTAZIONE IN VOXEL BASED MORPHOMETRY DELL'ATROFIA CEREBRALE IN PAZIENTI AFFETTI DA MALATTIA DI PARKINSON CON FREEZING DELLA MARCIA.

Giovanni Cirillo¹, Alessandro Tessitore¹, Marianna Amboni²⁻³, Daniele Corbo¹, Marina Picillo², Alfonso Giordano¹, Maria Teresa Pellicchia², Gioacchino Tedeschi¹ e Paolo Barone².

RESTING STATE FUNCTIONAL MAGNETIC RESONANCE IMAGING IN MILD TO MODERATE ALZHEIMER DISEASE AND AMNESIC MILD COGNITIVE IMPAIRMENT

de Stefano M*, Montella P*, Buonanno D*, Paccone A**, Corbo D**, Cirillo S*, Esposito F***, Tedeschi G*

Poster:

ACTION OBSERVATION AND PROCESSING OF VOCALIZATION: AN FMRI STUDY
D.Corbo, G.A.Orban.

VOXEL-BASED MORPHOMETRY AND FUNCTIONAL MAGNETIC RESONANCE IMAGING STUDY IN AMYOTROPHIC LATERAL SCLEROSIS (ALS) PATIENTS WITH BEHAVIORAL IMPAIRMENT

F.Trojci, F.Esposito, D.Corbo, A.Paccone, A.Sagnelli, G.Piccirillo, M.Monsurrò, G.Tedeschi.

FRONTOTEMPORAL PATTERN OF NEURODEGENERATION IN AMYOTROPHIC LATERAL SCLEROSIS: A CORTICAL THICKNESS 3T MRI STUDY

F.Trojci, A.D'Ambrosio, A.Gallo, F.Esposito, D.Corbo, A.Sagnelli, G.Piccirillo, G.Tedeschi, MR.Monsurrò.

Signature:  _____

Date: Brescia, 02/08/2021