

PERSONAL INFORMATION

Maria Gloria Rossetti



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 [Google Scholar](#) | [ResearchGate](#)

Sex Female | Date of birth 07/04/1989 | Nationality Italian

WORK EXPERIENCE

June 2023 - present

Postdoctoral researcher

Department of Neurosciences, Biomedicine and Movement Sciences

Section of Psychiatry, University of Verona & UOC Psichiatria B, Azienda Ospedaliera Universitaria Integrata, Verona, Italy

May 2019 - May 2023

Postdoctoral researcher

Department of Neurosciences and Mental Health, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

EDUCATION

October 2015 – October 2018

PhD in Neurosciences, Psychology and Psychiatry

Department of Neurosciences, Biomedicine and Movement Sciences, Section of Psychiatry and Clinical Psychology, Research Unit Research unit on Brain Imaging and Neuropsychology, University of Verona, Verona, Italy

Marc 2017

Certified Psychologist

Practice qualification obtained in December 2016 at Padua University, Veneto, Italy. Registration in the section A of the Professional Register of Italian Psychologists, Veneto section (n. 10328) in March 2017

October 2011 – July 2013

MSc in Psychology

LM-51 Neuroscienze Cognitive e Riabilitazione Psicologica

La Sapienza University of Rome, Faculty of Medicine and Psychology, Rome, Italy

October 2008 – September 2011

BSc in Psychology

L-24 Scienze e Tecniche Psicologiche per l'Analisi e la Valutazione Clinica dei Processi Cognitivi

La Sapienza University of Rome, Faculty of Medicine and Psychology, Rome, Italy

SELECTED TRAINING EXPERIENCES

July 2021

Training course "COGNITIVE REMEDIATION IN INTEGRATED TREATMENT-crit – Application of the cognitive remediation protocol for Psychosis" Rome, Italy

September 2020

Advanced course "Systematic reviews and meta-analysis for producing evidence-based guidelines in the healthcare sector", University of Verona, Verona, Italy

November 2017 – April 2018

Visiting PhD student, Department of Psychological Sciences, The University of Liverpool, Liverpool, UK

September 2014 – March 2015

Postgraduate research assistant, Decision Neuroscience Lab, Donders Institute for Brain Cognition and Behaviour, Radboud University, Nijmegen, the Netherlands

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

English (C1 level)

Technical skills and competences

Technical skills:

- Informatics. OS: Windows. Programming languages: Matlab. Data analysis software: Freesurfer, FSL, MRICron, SPSS, STATA, RevMan. Other software: office suite.
- Neuropsychological testing. Excellent command of several paper-and-pencil and computer-based cognitive tools commonly used in Psychiatry Research (e.g., BACS, BACA, Tower of London, Raven's Progressive Matrices, WAIS, WCST, BNT, CPT, N-back, IGT, Ekman test, ESCB).
- Cognitive rehabilitation. Excellent command of computer-based cognitive training software:

Brain-HQ, CogPack.

- Clinical assessment. Excellent command of semi-structured interviews and questionnaires commonly used in Psychosis Research (e.g., SCID, PANSS, SCL-90, BDI, HAM-D, HAM-A, YMRS, MRS, MANSA, GAF).

Competences:

- Supervision of PhD students and researcher psychologists in research activity.
- University teaching experiences with postgraduate medical students.
- Writing scientific manuscripts and project proposals.
- Critical revision of students' thesis and critical revision of articles submitted to peer-reviewed journals.
- Strong interdisciplinary skills. Collaboration with clinicians, psychiatrists, psychotherapists, biologists, and bioengineers multidisciplinary multi-site research projects (e.g., ENIGMA Addition Working Group, Cognitive remediation project (GR-2016-02361283); TELECOVID project (FISR2020IP_05157))

ADDITIONAL INFORMATION

Projects	Collaborator of the following projects (2015-present): - "Immune gene expression and white matter pathology in first-manic patients before and after treatment, A multimodal imaging genetic study", funded the Italian Ministry of Health (GR-2010-2319022, 2012); - "The impact of cognitive remediation on social functioning and neural plasticity in early psychosis: a randomized clinical trial", funded by the Italian Ministry of Health (GR-2016-02361283, 2016) - "TeleCOVID, una piattaforma digitale per l'erogazione di servizi di salute mentale a pazienti che hanno avuto COVID19+", funded by Italian Ministry of University and Research (FISR2020 IP_05157, 2021) - "SOLITAIRE – DIGITAL INTERVENTIONS FOR SOCIAL ISOLATION IN YOUTHS AND THEIR FAMILIES", funded by European Union – Next Generation EU – PNRR M6C2 – Investimento 2.1 Valorizzazione e potenziamento della ricerca biomedica del SSN (PNRR-MAD-2022-12376834, 2023)
Researcher profile	ORCID ID: https://orcid.org/0000-0001-7843-8721. Web of Science Researcher ID: AAB-9797-2019 Scopus ID: 57194679345
Publication Track record	Author of 37 papers in scientific journals (Google Scholar). Scopus H-index: 11. Total number of Scopus citations: 312. Google Scholar H-index: 14. Total number of Google scholar citations: 462.

Publications

- 1 [White matter integrity in bipolar disorder investigated with diffusion tensor magnetic resonance imaging and fractal geometry](#) Squarcina L, Lucini Paioni S, Bellani M, **Rossetti MG**, Houenou J, Polosan M, Phillips ML, Wessa M, Brambilla P. *Affect Disord.* 2024 Jan 15;345:200-207. doi: 10.1016/j.jad.2023.10.095.
- 2 [Brain volumes in alcohol use disorder: Do females and males differ? A whole-brain magnetic resonance imaging mega-analysis](#) Maggioni E, **Rossetti MG**, Allen NB, Batalla A, Bellani M, Chye Y, Cousijn J, Goudriaan AE, Hester R, Hutchison K, Li CR, Martin-Santos R, Momenan R, Sinha R, Schmaal L, Solowij N, Suo C, van Holst RJ, Veltman DJ, Yücel M, Thompson PM, Conrod P, Mackey S, Garavan H, Brambilla P, Lorenzetti V. *Hum Brain Mapp.* 2023 Sep;44(13):4652-4666. doi: 10.1002/hbm.26404.
- 3 [Neuropsychological instruments for bipolar disorders: A systematic review on psychometric properties](#) **MG Rossetti**, F Girelli, C Perlini, P Brambilla, M Bellani. *J Affect Disord.* 2023 Jun 17;338:358-364. doi: 10.1016/j.jad.2023.06.026.
- 4 [White matter modifications of corpus callosum in bipolar disorder: A DTI tractography review](#) Videtta, G., Squarcina, L., Rossetti, M. G., Brambilla, P., Delvecchio, G., & Bellani, M. *J Affect Disord.* 2023 Jun 9;338:220-227. doi: 10.1016/j.jad.2023.06.012.
- 5 [Feasibility and preliminary efficacy of brief tele-psychotherapy for COVID-19 patients and their first-degree relatives](#) Biagianti B, Lisi I, Di Liberto A, Turtulici N, Foti G, Zito S, Ginex V, Fornoni C, Gallo F, Cantù F, Tombola V, Di Fede V, **Rossetti MG**, Colombo E, Stocchetti N, Zanier ER, Bellani M, Bressi C, Brambilla P. *J Affect Disord.* 2023 Mar 17:S0165-0327(23)00358-0. doi: 10.1016/j.jad.2023.03.024.
- 6 [Measuring white matter microstructure in 1,457 cannabis users and 1,441 controls: A systematic review of diffusion-weighted MRI studies](#) Robinson EA, Gleeson J, Arun AH, Clemente A, Gaillard A, **Rossetti MG**, Brambilla P, Bellani M, Crisanti C, Curran HV and Lorenzetti V. *Front. Neuroimaging* 2:1129587 2023. doi: 10.3389/fnimg.2023.11295
- 7 [A machine learning approach on whole blood immunomarkers to identify an inflammation-associated psychosis onset subgroup](#) Enrico P, Delvecchio G, Turtulici N, Aronica R, Pigoni A, Squarcina L, Villa FM, Perlini C, **Rossetti MG**, Bellani M, Lasalvia A, Bonetto C, Scocco P, D'Agostino A, Torresani S, Imbesi M, Bellini F, Veronese A, Bocchio-Chiavetto L, Gennarelli M, Balestrieri M, Colombo GI, Finardi A, Ruggeri M, Furlan R, Brambilla P; GET UP Group. *Mol Psychiatry.* 2023 Mar;28(3):1190-1200. doi: 10.1038/s41380-022-01911-1.
- 8 [Brain ageing and neurodegeneration in bipolar disorder](#) Zovetti N, **Rossetti MG**, Perlini C, Brambilla P, Bellani M. *J Affect Disord.* 2023 Feb 15;323:171-175. doi: 10.1016/j.jad.2022.11.066.
- 9 [Preclinical and clinical evidence on the approach-avoidance conflict evaluation as an integrative tool for psychopathology](#) Rusconi F, **Rossetti MG**, Forastieri C, Tritto V, Bellani M, Battaglioli E. *Epidemiol Psychiatr Sci.* 2022 Dec 13;31:e90. doi: 10.1017/S2045796022000725
- 10 [Incidental findings on brain MRI in patients with first-episode and chronic psychosis](#) Bellani M., Perlini C., Zovetti N., **Rossetti M. G.**, Alessandrini F., Barillari M., ... & Brambilla P. *Psychiatry Research: Neuroimaging*, 2022, 326: 111518. doi: 10.1016/j.pscychresns.2022.111518
- 11 [A critical overview of tools for assessing cognition in bipolar disorder](#), **Rossetti MG**, Girelli F, Perlini C, Brambilla P, Bellani M. *Epidemiology and Psychiatric Sciences* 31, e70, 1–5 (2022). doi: 10.1017/S2045796022000555
- 12 [The Italian version of the Brief Assessment of Cognition in Affective Disorders: performance of patients with bipolar disorder and healthy controls](#) **Rossetti MG**, Perlini C, Abbiati V, Bonivento C, Caletti E, Fanelli G, Lanfredi M, Lazzaretti M, Pedrini L, Piccin S, Porcelli S, Sala M, Serretti A, Bellani M, Brambilla P; GecoBip Group. *Compr Psychiatry.* 2022 Jul 5;117:152335. doi: 10.1016/j.comppsy.2022.152335.
- 12 [Incidental findings on brain MRI in patients with first-episode and chronic psychosis](#) Bellani M, Perlini C, Zovetti N, **Rossetti MG**, Alessandrini F, Barillari M, Ricciardi GK, Konze A, Sberna M, Zoccatelli G, Lasalvia A, Miceli M, Neri G, Torresani S, Mazzi F, Scocco P, D'Agostino A, Imbesi M, Veronese A, Ruggeri M, Brambilla P. *Psychiatry Res Neuroimaging.* 2022 Jul 22;326:111518. doi: 10.1016/j.pscychresns.2022
- 14 [The Influence of 5-HTTLPR, BDNF Rs6265 and COMT Rs4680 Polymorphisms on Impulsivity in Bipolar Disorder: The Role of Gender](#) Boscutti A, Pigoni A, Delvecchio G, Lazzaretti M, Mandolini GM, Girardi P, Ferro A, Sala M, Abbiati V, Cappucciati M, Bellani M, Perlini C, **Rossetti MG**, Balestrieri M, Damante G, Bonivento C, Rossi R, Finos L, Serretti A, Brambilla P, The Gecobip Group. *Genes (Basel).* 2022 Mar 9;13(3):482. doi: 10.3390/genes13030482
- 15 [Insula volumes in first-episode and chronic psychosis: A longitudinal MRI study](#) Pigoni A, Delvecchio G, Dusi N, Schiena G, Andreella A, Finos L, Cecchetto F, Perlini C, **Rossetti MG** Ferro A, Bellani M, Lasalvia A, Ruggeri M, Brambilla P; PICOS and First projects. *Schizophr Res.* 2022 Mar;241:14-23. doi: 10.1016/j.schres.2021.12.048
- 16 [Brain imaging and substance use disorders: Focus on white matter microstructural integrity](#) **Rossetti, MG.**, Crisanti, C., Brambilla, P., & Lorenzetti, V. (2021). *Encyclopedia of Behavioral Neuroscience: Second Edition* (pp. 652-673). Elsevier. doi: 10.1016/B978-0-12-819641-0.00117-1
- 17 [Sexual Regional Dimorphism of Post-Adolescent and Middle Age Brain Maturation. A Multi-center 3T MRI Study.](#) Delvecchio G, Maggioni E, Pigoni A, Crespo-Facorro B, Nenadić I, Benedetti F, Gaser C, Sauer H, Roiz-Santiañez R, Poletti S, **Rossetti MG**, Bellani M, Perlini C, Ruggeri M, Diwadkar VA, Brambilla P. *Front Aging Neurosci.* 2021 Feb 5;13:622054. doi: 10.3389/fnagi.2021.622054.
- 18 [Sex and dependence related neuroanatomical differences in regular cannabis users: findings from the ENIGMA Addiction Working Group.](#) **Rossetti MG**, Mackey S, Patalay P, Allen NB, Batalla A, Bellani M, Chye Y, Conrod P, Cousijn J, Garavan H, Goudriaan AE, Hester R, Martin-Santos R, Solowij N, Suo C, Thompson PM, Yücel M, Brambilla P, Lorenzetti

- V. *Transl Psychiatry*. 2021 May 6;11(1):272. doi: 10.1038/s41398-021-01382-y.
- 19 [The association of childhood trauma, lifetime stressful events and general psychopathological symptoms in euthymic bipolar patients and healthy subjects.](#)
Pedrini L, Ferrari C, Lanfredi M, Bellani M, Porcelli S, Caletti E, Sala M, **Rossetti MG**, Piccin S, Dusi N, Balestrieri M, Perlini C, Lazzaretti M, Mandolini GM, Pighi A, Boscutti A, Bonivento C, Serretti A, Rossi R, Brambilla P; GECCO-BIP Group.
J Affect Disord. 2021 Jun 15;289:66-73. doi: 10.1016/j.jad.2021.04.014.
 - 20 [Gender-related neuroanatomical differences in alcohol dependence: findings from the ENIGMA Addiction Working Group.](#)
Rossetti MG, Patalay P, Mackey S, Allen NB, Batalla A, Bellani M, Chye Y, Cousijn J, Goudriaan AE, Hester R, Hutchison K, Li CR, Martin-Santos R, Momenan R, Sinha R, Schmaal L, Sjoerds Z, Solowij N, Suo C, van Holst RJ, Veltman DJ, Yücel M, Thompson PM, Conrod P, Garavan H, Brambilla P, Lorenzetti V.
Neuroimage Clin. 2021 Mar 22;30:102636. doi: 10.1016/j.nicl.2021.102636.
 - 21 [Neuroimaging studies exploring the neural basis of social isolation.](#)
Zovetti N, **Rossetti MG**, Perlini C, Brambilla P, Bellani M. *Epidemiol Psychiatr Sci*. 2021 Apr 6;30:e29. doi: 10.1017/S2045796021000135.
 - 22 [Sex differences in the neuroanatomy of alcohol dependence: hippocampus and amygdala subregions in a sample of 966 people from the ENIGMA Addiction Working Group.](#)
Grace S, **Rossetti MG**, Allen N, Batalla A, Bellani M, Brambilla P, Chye Y, Cousijn J, Goudriaan AE, Hester R, Hutchison K, Labuschagne I, Momenan R, Martin-Santos R, Rendell P, Solowij N, Sinha R, Li CR, Schmaal L, Sjoerds Z, Suo C, Terrett G, van Holst RJ, Veltman DJ, Yücel M, Thompson P, Conrod P, Mackey S, Garavan H, Lorenzetti V. *Transl Psychiatry*. 2021 Mar 4;11(1):156. doi: 10.1038/s41398-021-01204-1.
 - 23 [Classification of Psychoses Based on Immunological Features: A Machine Learning Study in a Large Cohort of First-Episode and Chronic Patients.](#)
Enrico P, Delvecchio G, Turtulici N, Pighi A, Villa FM, Perlini C, **Rossetti MG**, Bellani M, Lasalvia A, Bonetto C, Scocco P, D'Agostino A, Torresani S, Imbesi M, Bellini F, Veronese A, Bocchio-Chiavetto L, Gennarelli M, Balestrieri M, Colombo GI, Finardi A, Ruggeri M, Furlan R, Brambilla P. *Schizophr Bull*. 2021 Feb 9:sbaa190. doi: 10.1093/schbul/sbaa190.
 - 24 [Structural neuroimaging of somatoform disorders: A systematic review.](#)
Rossetti MG, Delvecchio G, Calati R, Perlini C, Bellani M, Brambilla P. *Neurosci Biobehav Rev*. 2021 Mar;122:66-78. doi: 10.1016/j.neubiorev.2020.12.017.
 - 25 [Default mode network activity in bipolar disorder.](#)
Zovetti N, **Rossetti MG**, Perlini C, Maggioni E, Bontempi P, Bellani M, Brambilla P. *Epidemiol Psychiatr Sci*. 2020 Sep 8;29:e166. doi: 10.1017/S2045796020000803.
 - 26 [The potential role of EMDR on trauma in affective disorders: A narrative review.](#)
Perlini C, Donisi V, **Rossetti MG**, Moltrasio C, Bellani M, Brambilla P. *J Affect Disord*. 2020 May 15;269:1-11. doi: 10.1016/j.jad.2020.03.001.
 - 27 [Resting state networks activity in euthymic bipolar disorder.](#)
Bellani M, Bontempi P, Zovetti N, **Rossetti MG**, Perlini C, Dusi N, Squarcina L, Marinelli V, Zoccatelli G, Alessandrini F, Francesca Maria Ciceri E, Sbarbati A, Brambilla P. *Bipolar Disord*. 2020 Sep;22(6):593-601. doi: 10.1111/bdi.12900.
 - 28 [Mindfulness-based interventions in the early phase of affective and non-affective psychoses: Special Section on "Translational and Neuroscience Studies in Affective Disorders" Section Editor, Maria Nobile MD, PhD.](#)
Perlini C, Bellani M, **Rossetti MG**, Rossin G, Zovetti N, Rossi A, Bressi C, Piccolo LD, Brambilla P. *J Affect Disord*. 2020 Feb 15;263:747-753. doi: 10.1016/j.jad.2019.10.011.
 - 29 [Cognitive remediation in schizophrenia: the earlier the better?](#)
Bellani M, Ricciardi C, **Rossetti MG**, Zovetti N, Perlini C, Brambilla P. *Epidemiol Psychiatr Sci*. 2019 Sep 26;29:e57. doi: 10.1017/S2045796019000532.
 - 30 [The effects of cognitive remediation on cognitive abilities and real-world functioning among people with bipolar disorder: A systematic review: Special Section on "Translational and Neuroscience Studies in Affective Disorders". Section Editor, Maria Nobile MD, PhD. This Section of JAD focuses on the relevance of translational and neuroscience studies in providing a better understanding of the neural basis of affective disorders. The main aim is to briefly summarize relevant research findings in clinical neuroscience with particular regards to specific innovative topics in mood and anxiety disorders.](#)
Bellani M, Biagianni B, Zovetti N, **Rossetti MG**, Bressi C, Perlini C, Brambilla P. *J Affect Disord*. 2019 Oct 1;257:691-697. doi: 10.1016/j.jad.2019.07.059.
 - 31 [Disentangle the neural correlates of attachment style in healthy individuals.](#)
Perlini C, Bellani M, **Rossetti MG**, Zovetti N, Rossin G, Bressi C, Brambilla P. *Epidemiol Psychiatr Sci*. 2019 Aug;28(4):371-375. doi: 10.1017/S2045796019000271.
 - 32 [Temperament and character influence on depression treatment outcome.](#)
Balestri M, Porcelli S, Souery D, Kasper S, Dikeos D, Ferentinos P, Papadimitriou GN, Rujescu D, Martinotti G, Di Nicola M, Janiri L, Caletti E, Mandolini GM, Pighi A, Paoli RA, Lazzaretti M, Brambilla P, Sala M, Abbiati V, Bellani M, Perlini C, **Rossetti MG**, Piccin S, Bonivento C, Fabbro D, Damante G, Ferrari C, Rossi R, Pedrini L, Benedetti F, Montgomery S, Zohar J, Mendlewicz J, Serretti A. *J Affect Disord*. 2019 Jun 1;252:464-474. doi: 10.1016/j.jad.2019.04.031.
 - 33 [The brief assessment of cognition in affective disorders: Normative data for the Italian population.](#)
Rossetti MG, Bonivento C, Garzitto M, Caletti E, Perlini C, Piccin S, Lazzaretti M, Marinelli V, Sala M, Abbiati V, Rossi R, Lanfredi M, Serretti A, Porcelli S, Bellani M, Brambilla P; GecoBip Group.
J Affect Disord. 2019 Jun 1;252:245-252. doi: 10.1016/j.jad.2019.04.063.
 - 34 [The Neuroanatomy of Somatoform Disorders: A Magnetic Resonance Imaging Study.](#)

Delvecchio G, **Rossetti MG**, Caletti E, Arighi A, Galimberti D, Basilico P, Mercurio M, Paoli R, Cinnante C, Triulzi F, Altamura AC, Scarpini E, Brambilla P. *Psychosomatics*. 2019 May-Jun;60(3):278-288. doi: 10.1016/j.psym.2018.07.005.

- 35 [Temperament and Character Inventory in Bipolar Disorder versus Healthy Controls and Modulatory Effects of 3 Key Functional Gene Variants.](#)

Porcelli S, Marsano A, Caletti E, Sala M, Abbiati V, Bellani M, Perlino C, **Rossetti MG**, Mandolini GM, Pigoni A, Paoli RA, Piccin S, Lazzaretti M, Fabbro D, Damante G, Bonivento C, Ferrari C, Rossi R, Pedrini L, Serretti A, Brambilla P; GECOBIP Group. *Neuropsychobiology*. 2017;76(4):209-221. doi: 10.1159/000490955.

- 36 [Increased gyrification in schizophrenia and non affective first episode of psychosis.](#)

Zuliani R, Delvecchio G, Bonivento C, Cattarinussi G, Perlino C, Bellani M, Marinelli V, **Rossetti MG**, Lasalvia A, McIntosh A, Lawrie SM, Balestrieri M, Ruggeri M, Brambilla P; PICOS Veneto Group. *Schizophr Res*. 2018 Mar;193:269-275. doi: 10.1016/j.schres.2017.06.060.

- 37 [Similar white matter changes in schizophrenia and bipolar disorder: A tract-based spatial statistics study.](#)

Squarcina L, Bellani M, **Rossetti MG**, Perlino C, Delvecchio G, Dusi N, Barillari M, Ruggeri M, Altamura CA, Bertoldo A, Brambilla P. *PLoS One*. 2017 Jun 28;12(6):e0178089. doi: 10.1371/journal.pone.0178089

Selected collaborations

Member of the European Psychiatric Association (EPA) (2022- present), Secretary of the EPA Neuroimaging section (2023-present); Associate Editor for *Minerva Psichiatria*, Section on *Eating, Gambling and Substance Abuse Disorders* (2020-present); Journal reviewer for *Neuroimage Clinical*, *Journal of Affective Disorders*, *Addiction*, *BMC psychiatry*, *Frontiers in Psychiatry*, *Frontiers in Public Health*; *Brain imaging and Behavior*, *Minerva Psichiatria* (2018-present);

Verona, 12 December 2023

More Grove Rossetti