

PAOLO OSSOLA

Date of Birth: 07/11/1982

Place of Birth: Codogno (MI)

Nationality: Italian

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Academic experience

Nov 2024 – ongoing **Associate professor** School of Psychiatry, University of Parma
Nov 2021 – Oct 2024 **Senior Clinical Research Fellow** (Ricercatore RTDb) School of Psychiatry, University of Parma
Dec 2016 – Oct 2021 **Clinical Research Fellow** (Ricercatore RTDa) School of Psychiatry, University of Parma
Aug 2014 – Dec 2016 **Junior Research Fellow** (Assegno di Ricerca) School of Psychiatry, University of Parma

Clinical experience

Nov 2021 – ongoing **Head of the Psychiatric Day Hospital** (Dirigente Medico) Local Health Agency (AUSL), Parma
Dec 2016 – Oct 2021 **Consultant in Adult Psychiatry** (Dirigente Medico) Local Health Agency (AUSL), Parma
Aug 2014 – Dec 2016 **Locum Consultant in Adult Psychiatry** (Contratto a termine) Local Health Agency (AUSL), Parma

Education

Jun 2009 - Jul 2014 **CCT in Adult Psychiatry** (*cum laude*) University of Parma
Nov 2008 - Feb 2009 **Foundation Program** (Abilitazione alla Professione) Local Health Agency (AUSL), Parma
Oct 2001 - 01 Oct 2008 **MBBS** (*cum laude*) School of Medicine and Surgery, University of Parma

Visiting positions

Mar-Aug 2026 **Visiting Scholar** Computational Psychopathology, Dept of Experimental Psychology, University of Oxford, Oxford, UK
Feb-Jun 2019 **Visiting Scholar** Computational Psychiatry Lab, Dept of Psychiatry, University of Oxford, Oxford, UK
Dec-Jan 2016 **Visiting Registrar** EPA Gaining Experience Program. Newham WHO Centre, QMUL, East London NHS Foundation Trust
Mar-Apr 2014 **Visiting Trainee** EFPT Exchange Program. LEO Service, IoP, KCL; South London and Maudsley NHS Foundation Trust

Grants, Awards and Research Support

2019-2025 **Grants** Fondi locali per la ricerca di Ateneo - FIL [Faculty Resources Grant, 1st quartile since 2022]
2022 **Award** Best 5 papers at ISTFP Conference 2022
2022 **Grant** Premio "Matteo Goldoni" per la statistica
2021 **Grant** Bando per la Ricerca di Ateneo
Jun 2018 **Grant** Università Franco-Italiana, Label UIF, 2018
Jan 2018 **Grant** Finanziamento Attività Base di Ricerca FFABR 2017, MIUR
2014-2016 **Research Fellowship** Italian Ministry of Education, MIUR, "Optimism Bias and Learning in Bipolar Disorder"
Mar 2016 **Travel Grant** 24th EPA Conference. 12-15 March 2016, Madrid, Spain
Mar 2015 **Travel Grant** 23rd EPA Conference. 28-31 March 2015, Wien, Austria
Apr 2014 **Travel Grant** 22nd EPA Conference. 1-4 March 2014, Munich, Germany
Nov 2013 **Travel Grant** SIF monothematic Congress. 15-19 November 2013, Varese, Italy

Professional training

Dec 2023 **School** Statistical Learning and Deep Learning, University of Parma, Parma, Italy
Dec 2022 **School** Predictive models and their accuracy, University of Parma, Parma, Italy
Jun 2022 **School** Computational Psychiatry Course, NSAS, Venice, Italy
May 2021 **School** Data-Analysis in R Course, La Sapienza University, Rome, Italy
Feb 2021 **School** Meta-Analysis Course, Maastricht University, Maastricht, The Netherlands
Sep 2020 **School** Computational Psychiatry Course, ETH and University of Zurich, Zurich, Swiss
May 2019 **School** Computational Modelling course, University of Oxford, Oxford, UK.
Jul 2018 **School** Computational Psychiatry Course, University College London, London, UK
Apr 2018 **School** Computational Neuroscience of Prediction, FENS, Spring Brain Conference, Rungstedgaard, Denmark
Aug 2017 **School** Computational Psychiatry Course, ETH and University of Zurich, Zurich, Swiss
Mar 2019 **Scholarship** ECNP, New Frontiers Meeting in Digital Health, Nice, France
Mar 2018 **Scholarship** ECNP, Workshop for Junior Scientists Nice, France
Jun 2017 **Scholarship** ECNP, School of Neuropsychopharmacology, Oxford, UK.
Jan 2016 **Scholarship** Basel Winter School of Psychiatry, Universitäre Psychiatrische Kliniken, Basel, Swiss

Clinical experience

In the last three years as the head of the Day Hospital service (n=1 nurse; n=6 trainees in psychiatry) I have set up: (1) a service specialised in affective disorder, that includes a treatment-resistant depression service and a group psychoeducation program for bipolar disorder; (2) a service specialised in psychotic disorder, that includes a treatment resistant schizophrenia service. Within the same unit, beyond the DH activity I also supervise the outpatient service for affective disorder and, nearly twice a month, work nightshift in the two psychiatric intensive care units (SPDC, SPOI).

Teaching Experience

Degree	Course	CFU	ore
BSc Mental health worker	Mental Hygiene	4	32
BSc Mental health worker	Substance Use Disorder	2	16
BSc Nurse	General Psychology	1	10
BSc Nurse	Introduction to Psychiatry	1	10
BDS Dentistry	Psychiatry for dentists	1	10
MSc Psychology	Psychiatry (substance use disorders)	2	14
MBBS Medicine and Surgery	Psychiatry (substance use disorders)	*	6
BSc Social Assistants	Psychiatry (substance use disorders)	*	6
MBBS Medicine and Surgery (in English)	Psychiatry (substance use disorders)	*	6
			Total undergraduate= 110
School of Psychiatry	Statistics	-	20
School of Psychiatry	Bipolar Disorder	-	8
School of Psychiatry	Substance Use Disorders	-	16
School of Psychiatry	Computational Psychiatry	-	6
			Total postgraduate=50

*Lecturer but not head of the course

Since 2016 I've been first supervisor of the thesis for more than 70 medical students, master students in psychology, and trainees in psychiatry. Further, I organize a weekly Journal club for the trainees in Psychiatry and open to the PhD candidates in Neuroscience. I also coordinate the exchange program in psychiatry. I've also been external member of the evaluating committee of few PhDs (University of Edinburgh, University of Ferrara, University of Modena-Reggio Emilia). Based on students' feedback, as a lecturer I score always in the first quartile for each degree. Since 2016 I'm in the committee for the admission exams from medical school, dentistry, and nursing. Since 2024 I've been in the committee that evaluates the transfer to the BDS Dentistry (AA 2024/2025; 2023/2024) and to BSc Mental health worker (AA 2024/2025; 2023/2024). In 2024 I've been appointed Responsible for Quality Assurance (RAQ) for the BSc Nurse. As such I'm responsible for monitoring and verifying the proper implementation of the improvement actions approved by the BSc Council.

Memberships and Academic accomplishment

- SIP-PC (Società Italiana Psichiatria – Gruppo Psichiatria Computazionale): vice-president in 2023
- ESSPD (European Society for the Study of Personality Disorders): Nominated Member since 2021
- EBPS (European Behavioural Pharmacology Society): Member since 2021
- ECNP (European College of Neuropsychopharmacology): Associate Member since 2018
- EPA (European Psychiatry Association): Member since 2015

October 2021 National Board Qualification Associate Professor in Psychiatry

Editor and Reviewer

Guest Editor: Special Issue "Computational Psychopathology" on Neuroscience and Biobehavioural Reviews

Ad hoc Reviewer: Nature Communication Psychology, Neuroscience and Biobehavioural Reviews, Psychiatry Research, NPJ Schizophrenia, Schizophrenia Bulletin, Social Cognitive and Affective Neuroscience, Journal of Medical Internet Research, CNS spectrum, Journal of Psychiatric Research, Journal of Affective Disorders, Psychopharmacology, European Archives of Psychiatry and Clinical Neuroscience, Progress in Neuro-Psychopharmacology and Biological Psychiatry, BMC Psychiatry, PeerJ, Frontiers, PlosOne, Journal of Health Psychology, Birth, Archives of Gynecology and Obstetric, European Journal of Obstetric & Gynecology and Reproductive Biology.

Personal skills and competences

- Languages: Italian (native), English (IELTS:8 March 2025), German (intermediate); basic knowledge of French, Spanish and Arabic.
- Data-analyses: SPSS, G*Power, R, JASP, Matlab, Python
- Exposition: best oral presentation (Basel Winter School) and experience in several national and international congresses.

Organizational experience

- Research committee: Since 2024 I'm appointed member of the research committee for life science at the University of Parma. As such I revise protocols and study for internal fundings and also organised the yearly event Research Day for the Department of Medicine and Surgery
- Bipolar Psychoeducation: within the outpatients service specialized in Bipolar Disorder that I supervise, I organize yearly psychoeducational courses (21 weekly session, Colom-Vieta Model) and train colleagues on this approach.
- Substance Use Prevention: I've been invited speaker at two seminars aimed at creating specialized services in the treatment of alcohol (April 2017; Batumi, Georgia) and cannabinoid use (December 2018; Tbilisi, Georgia) disorders.
- Publication Day: Since 2015, I organize this yearly event, named "Publication Day" aimed at spreading the research output in Mental Health across different clinical and academic organizations in Parma.
- Mental health: I've participated to few events aimed at spreading knowledge and fighting stigma in mental health (Oxford Science and Ideas Festival, 10th and 30th October 2020; Parma Recovery College 27th November 2023).
- Computational Psychiatry: Since 2023, I organize the yearly Italian congress of computational psychiatry aimed at introducing younger trainees to the field and advance their knowledge in mathematical modelling

Transference Focused Psychotherapy: In 2017-2018 I participated in weekly sessions of clinical case supervision with Dr. Eric Fertuck (CUNY, New York City, NY, USA).

Psychopharmacology: I was co-PI in three pharmacological trials for treatment-resistant depression (NEMO, ECHO, VENTURA) and I'm trained in administering intravenous antidepressant, TMS with neuro-navigation systems, Esketamine, and MAOIs. I'm GCP certified (Jan 2025).

Invited Speaker at International Conferences and Lab-meetings

- **Ossola P.** TMS in clinical practice. 14 November 2025, Ravenna, Italy
- **Ossola P.** Information integration and seeking predict the course of bipolar disorder. 50th SIP Conference, 5-8 November 2025, Bari Italy
- **Ossola P.** Drift Diffusion Models. 3rd Italian Conference in Computational Psychiatry. 4-5 November 2025, Bari, Italy
- **Ossola P.** Cyberball in BPD. 19th BPD Conference, 16-17 October 2025, Cesenatico, Italy
- **Ossola P.** Modelling interpersonal functioning in personality disorders. ESSPD Summer School, 1-6 September 2025, Fidenza, Italy
- **Ossola P.** Computational Psychiatry in a community-based MH service. Regional SIP Conference, 20 March 2025, Bologna, Italy
- **Ossola P.** Computational Psychiatry in psychotic disorders. 29th SOPSI Conference, 18-21 February 2025, Rome, Italy
- **Ossola P.** What's computational psychiatry & why do we need it. 2nd Italian Conference in Computational Psychiatry, 28 November 2024, Parma, Italy
- **Ossola P.** Social dynamics and autonomic response: what's the role of the diagnosis. SIPC Conference, 14-15 September 2024, Ferrara, Italy
- **Ossola P.** Belief Updating in psychiatry. ANC Seminars, School of Informatics, University of Edinburgh, 3 September 2024, Edinburgh, UK
- **Ossola P.** The role of genes in predicting the pharmacological response in bipolar disorder, May 2024, Parma, Italy
- **Ossola P.** Jumping to conclusions: three paradigms to dissect a trans-diagnostic phenomenon. 15 March 2024, IPNP-Université de Paris, Paris, France
- **Ossola P.** Computational Psychiatry: a mechanistic explanation of mental health symptoms. 14 March 2024, C'JAAD, Saint'Anne Hospital, Paris, France
- **Ossola P.** Psychopharmacology and course of illness in bipolar disorder. 28th SOPSI Conference, 21-23 February 2024, Rome, Italy
- **Ossola P.** The impact of social environment on mental health. 4EU+ School of Psychiatry, 16-17 February 2024, Milan, Italy
- **Ossola P.** Drift Diffusion Models in affective Disorders. 1st Italian Conference in Computational Psychiatry, 2 December 2023, Ferrara, Italy
- **Ossola P.** Social affective computational psychiatry. Max Planck UCL Centre for Computational Psychiatry and Ageing Research, 23 November 2023, UCL, London, UK
- **Ossola P.** Valence dependent learning in affective disorders. 11th Symposium on Biology of Decision-Making, 1-2 June 2023, Paris, France
- **Ossola P.** Complex dynamics of inclusion and exclusion in the Cyberball game. Decision Neuroscience of Human Interactions Lab, 4 April 2023, University of Heidelberg, Heidelberg, Germany
- **Ossola P.** Computational psychiatry of psychotic disorders. 27th SOPSI Conference, 22-24 February 2023, Rome, Italy
- **Ossola P.** Computational psychiatry and depressive disorders. 49th SIP Conference, 13-15 October 2022, Genova, Italy
- **Ossola P.** Dynamics of behavioural response to different degrees of social exclusion: the role of borderline personality traits and social propensity. 6th ESSPD Conference, 10-12 October 2022, Virtual
- **Ossola P.** Computational models of bipolar disorders. Regional SIP Conference, 22 September 2022, Bologna, Italy
- **Ossola P.** The role of Effortful Control and Executive Attention in Mood Disorders. 30th EPA Conference, 2-5 April 2022, Budapest, Hungary
- **Ossola P.** Computational Psychopathology: a mechanistic explanation of mental health symptoms. European School of Psychiatry, 12-15 May 2022, Heidelberg, Germany
- **Ossola P.** Computational psychiatry and depressive disorders. 26th SOPSI Conference, 20-23 June 2022, Rome, Italy
- **Ossola P.** Computational Psychiatry. Unit of Psychiatry, 19 March 2022, University of Ferrara, Ferrara, Italy
- **Ossola P.** Learning and Choice in Affective Disorders. Neuroscience and Humanities Lab symposium, 9 February 2021, online event
- **Ossola P.** Covid and mental health, the Parma experience. 26 March 2020, Charité – Universitätsmedizin Berlin, Germany.
- **Ossola P.** Advances in neuro-cognitive psychopathology. 24th SOPSI Conference, 19-22 February 2020, Rome, Italy
- **Ossola P.** Cognitive Bias in Bipolar Disorder. 12th SIPB Conference, 2-5 October 2019, Naples, Italy.
- **Ossola P.** Belief Updating and cognition in psychiatric disorders. Computational Psychiatry Lab. 6 March 2019, University of Oxford, Oxford, UK.
- **Ossola P.** Valence Dependent updating and Mood Congruence in Bipolar Disorder. 48th SIP Conference, 13-17 October 2018, Turin, Italy.
- **Ossola P.** Anxiety and depression in predicting cardiac outcome after a first acute coronary syndrome. 6th EAPM Congress. 27-30 June 2018; Verona, Italy

----- Research Output -----

Computational Psychiatry and other task-based studies

1. Montemitro C*, **Ossola P***, Ross TJ, Huys QJM, Fedota JR, Salmeron BJ, di Giannantonio M, Stein EA (2024). Longitudinal changes in reinforcement learning during smoking cessation: a computational analysis using a probabilistic reward task. *Scientific Reports*. 14:32171
2. **Ossola P**, Pike A. (2023). What is computational psychopathology, and why do we need it? *Neuroscience and Biobehavioral Reviews*. 152:105170
3. **Ossola P**, Garrett N, Biso L, Bishara A, Marchesi C. (2023). Anhedonia and sensitivity to punishment in schizophrenia, depression and opiate use disorder. *Journal of Affective Disorders*. 330:319-328
4. Gerra ML, **Ossola P**, Ardizzi M, Martorana S, Leoni V, Riva P, Preti E, Marchesi C, Gallese V, De Panfilis C. (2023). Divergent emotional and autonomic responses to Cyberball in patients with opioid use disorder on opioid agonist treatment. *Pharmacology Biochemistry and Behavior*. 231:173619.
5. **Ossola P**, Antonucci C, Meehan KB, Cain NM, Ferrari M, Soliani A, Marchesi C, Clarkin JF, Sambataro F, De Panfilis C. (2021). Effortful Control is associated with executive attention: a computational study. *Journal of Personality*. 89:774-785
6. Gerra ML, Ardizzi M, Martorana S, Leoni V, Riva P, Preti E, Marino BFM, **Ossola P**, Marchesi C, Gallese V, De Panfilis C. (2021). Autonomic vulnerability to biased perception of social inclusion in Borderline Personality Disorder. *Borderline Personality Disorder and Emotion Dysregulation*. 8:28
7. **Ossola P**, Garrett N, Sharot T, Marchesi C (2020). Belief Updating in Bipolar Disorder Predicts Time of Recurrence. *eLife*
8. De Panfilis C, Schito G, Generali G, Gozzi L, **Ossola P**, Marchesi C, Grecucci A. (2019). Emotions at the border: Increased punishment behaviour during fair interpersonal exchanges in Borderline Personality Disorder. *Journal of Abnormal Psychology*. 128:162-172

Bipolar and Affective Disorders

9. **Ossola P***, Gerra ML*, Luvìè L, Piacente A, Marchesi C, Schoretsanitis G, Stewart JW. (2025). Effect of age on the response to serotonergic and noradrenergic antidepressants: A systematic review, meta-regression and individual participant data pooled analysis. *J Psychiatr Res.* 183:133-143.
10. Capuzzi E*, **Ossola P***, Caldiroli A, Auxilia AM, Buoli M. (2022). Malondialdehyde as a candidate biomarker for bipolar disorder: A meta-analysis. *Progress in Neuro-Psychopharmacology & Biological Psychiatry.* 113:110469
11. Tonna M, Trinchieri M, Lucarini V, Ferrari M, Ballerini M, **Ossola P**, De Panfilis C, Marchesi C. (2021). Pattern of occurrence of obsessive-compulsive symptoms in bipolar disorder. *Psychiatry Research.* 297:113715
12. Weiner L, **Ossola P**, Causin JB, Desseilles M, Keizer I, Metzger JY, Krafes EG, Monteil C, Morali A, Garcia S, Marchesi C, Giersch A, Bertschy G, Weibel S. (2019). Racing thoughts revisited: A key dimension of activation in bipolar disorder. *Journal of Affective Disorders* 255: 69-76
13. Amerio A, **Ossola P**, Scagnelli F, Odone A, Allinovi M, Cavalli A, Iacopelli J, Tonna M, Marchesi C, Ghaemi SN. (2018). Safety and efficacy of lithium in children and adolescents: A systematic review in bipolar illness. *European Psychiatry* 54:85-97
14. Tonna M, Amerio A, Odone A, **Ossola P**, Marchesi C, Ghaemi SN. (2015) Are obsessive-compulsive symptoms expression of vulnerability to bipolar disorder? *Acta Psychiatrica Scandinavica* 132:411-2
15. Tonna M, Amerio A, Ottoni R, Paglia F, Odone A, **Ossola P**, De Panfilis C, Ghaemi SN, Marchesi C. (2015). The clinical meaning of obsessive-compulsive symptoms in bipolar disorder and schizophrenia. *Australian New Zealand Journal of Psychiatry* 49:578-579
16. Marchesi C, De Panfilis C, Tonna M, **Ossola P**. (2013). Is placebo useful in the treatment of major depression in clinical practice? *Neuropsychiatric Disease and Treatment.* 9:915-20

Psychosomatics

17. Rossi R, Di Lorenzo G, Jannini TB, **Ossola P**, Belvederi Murri M, Siracusano A, Rossi A. (2024). The role of income inequality as an ecological determinant of mental health: A nation-wide multilevel analysis on an Italian sample. *International Journal of Social Psychiatry.* 70:999-1003
18. Folesani F, Luvìè L, Palazzi C, Marchesi C, Rossi R, Belvederi Murri M, **Ossola P**. (2023). Psychopathology, personality and depression after acute coronary syndrome: a network analysis. *Diagnostics.* 13:915
19. Mandarano P*, **Ossola P***, Castiglioni P, Faini A, Marazzi P, Carsillo M, Rozzi S, Lazzeroni D (2022). Heart Rate Fractality Disruption as a Footprint of Subthreshold Depressive Symptoms in a Healthy Population. *Clin Neuropsychiatry.* 19:163-173
20. **Ossola P**, Ampollini P, Gerra ML, Tonna M, Viviani D, Marchesi C. (2021). Anxiety, depression, and birth outcomes in a cohort of unmedicated women. *Journal of Maternal-Fetal & Neonatal Medicine* 21: 1-7
21. Gerra MC, Carnevali D, **Ossola P**, González-Villar A, Pedersen IS, Triñanes Y, Donnini C, Mafredini M, Arendt-Nielsen L, Carrillo-de-la-Peña MT. (2021). DNA methylation changes in fibromyalgia suggest the role of the immune-inflammatory response and central sensitization. *Journal of Clinical Medicine.* 10:4992
22. **Ossola P**, Gerra ML, Beltrani M, Marchesi C. (2019). Alexithymia and cardiac outcome in patients at first Acute Coronary Syndrome. *International Journal of Behavioral Medicine;* 26:673-679
23. **Ossola P**, Gerra ML, Ferrari M, Marchesi C. (2019). Personality and widowhood increase the risk for incident depression in the two years following the first acute coronary syndrome. *Aging and Mental Health* 30:1-6
24. **Ossola P**, Generali I, Schito G, De Panfilis C, Tonna M, Gerra ML, Marchesi C. (2019). Temperament and depression after a first acute coronary syndrome. *Journal of Nervous and Mental Disease* 207:277-283
25. **Ossola P**, Gerra ML, De Panfilis C, Tonna M, Marchesi C. (2018). Anxiety and depression in predicting cardiac outcome after a first acute coronary syndrome. *Health Psychology* 37:726-732
26. Marchesi C, **Ossola P**, Amerio A, Daniel BD, Tonna M, De Panfilis C. (2016). Clinical management of perinatal anxiety disorders: A systematic review. *Journal of Affective Disorders* 190:543-550
27. **Ossola P**, De Panfilis C, Tonna M, Ardissino D, Marchesi C. (2015) DS14 is More Likely to Measure Depression Rather than a Personality Disposition in Patients with Acute Coronary Syndrome. *Scandinavian Journal of Psychology* 56:685-92
28. **Ossola P**, Paglia F, Pelosi A, De Panfilis C, Conte G, Tonna M, Ardissino D, Marchesi C. (2015) Risk factors for incident depression in patients at first acute coronary syndrome. *Psychiatry Research* 228:448-453
29. Marchesi C, **Ossola P**, Scagnelli F, Mellini L, Tonna M, Ardissino D, De Panfilis C. (2015) The role of Alexithymia in predicting Incident Depression in patients at first Acute Coronary Syndrome. *Comprehensive Psychiatry* 62:86-92
30. De Panfilis C, **Ossola P**, Tonna M, Catania L, Marchesi C. (2015). Finding words for feelings: The relationship between personality disorders and alexithymia. *Personality and Individual Differences.* 74:285-291
31. Marchesi C, **Ossola P**, Scagnelli F, Paglia F, Aprile S, Monici A, Tonna M, Conte G, Masini F, De Panfilis C, Ardissino D. (2014). Type D Personality in never depressed patients at their first acute coronary syndrome. *Psychotherapy and Psychosomatics* 83:190-191
32. Marchesi C, **Ossola P**, Scagnelli F, Paglia F, Aprile S, Monici A, Tonna M, Conte G, Masini F, De Panfilis C, Ardissino D. (2014). Type D Personality in never depressed patients and the development of major and minor depression after Acute Coronary Syndrome. *Journal of Affective Disorders.* 155:194-199
33. Marchesi C, **Ossola P**, Tonna M, De Panfilis C. (2014) The TAS-20 more likely measures negative affects rather than alexithymia itself in patients with Major Depression, Panic Disorder, Eating Disorders and Substance Use Disorders. *Comprehensive Psychiatry* 55: 972-978.
34. Marchesi C, Ampollini P, Paraggio C, Giaracuni G, **Ossola P**, De Panfilis C, Tonna M, Viviani D. (2014) Risk factors for Panic Disorder in pregnancy: a cohort study. *Journal of Affective Disorders* 156: 134-138
35. Marchesi C, Giaracuni G, Paraggio C, **Ossola P**, Tonna M, De Panfilis C. (2014) Pre-morbid Alexithymia in Panic Disorder: a cohort study. *Psychiatry Research* 156:134-138
36. De Panfilis C, Generali I, Dall'Aglio E, Marchesi F, **Ossola P**, Marchesi C. (2014) Temperament and 1-year outcome of gastric bypass for severe obesity. *SOARD.* 10:144-148
37. Cervellin C, Comelli I, Lippi G, Comelli D, Rastelli G, **Ossola P**, Marchesi C. (2014) The number of Emergency Department visits for psychiatric emergencies is strongly associated with mean temperature and humidity variations: results of a nine years survey. *Emergency Care Journal* 10:48-53

Substance Use Disorders

38. Murri MB, Catania S, Centra S, Folesani F, Muscettola A, Zerbinati L, Toffanin T, Ferrara M, **Ossola P**, Rossi R, Jannini T, Caruso R, Nanni MG, Grassi L (2025). The Association Between Cannabis Use and Paranoia: Meta-Analysis of Experimental and Observational Studies. *Neurosci Biobehav Rev.* 25:106269. doi: 10.1016/j.neubiorev.2025.106269.

39. Jannini TB, Belvederi Murri M, **Ossola P**, Pettorruso M, Martinotti G, Rossi R, Di Lorenzo G. (2025). Unraveling the Link Between Complex Post-Traumatic Stress Symptoms and Addictive Behaviors in Adolescents: A Network Analysis. *International Journal of Mental Health and Addiction*. doi. 10.1007/s11469-024-01263-7
40. **Ossola P**, Gerra MC, Gerra ML, Milano G, Zatti M, Zavan V, Volpi R, Marchesi C, Donnini C, Gerra G, Di Gennaro C. (2021). Alcohol use disorders among adult children of alcoholics (ACOAs): gene-environment resilience factors. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*. 108:110167.
41. Gerra ML, Gerra MC, Tadonio L, Pellegrini P, Marchesi C, Mattfeld E, Gerra G, **Ossola P**. (2021). Early Parent-Child Interactions and Substance Use Disorder: an Attachment Perspective in a Biopsychosocial Entanglement. *Neuroscience and Biobehavioral Reviews*. 131:560-580
42. Gerra ML, Gerra G, Mercolini L, Manfredini M, Somaini L, Pieri CM, Antonioni M, Protti M, **Ossola P**, Marchesi C. (2017). Increased oxytocin levels among abstinent heroin addicts: Association with aggressiveness, psychiatric symptoms and perceived childhood neglect. *Progress in Neuro-Psychopharmacology and Biological Psychiatry* 75:70-76

Schizophrenia and other psychotic disorders

43. Biso L, Carli M, Lucarini V, Miniati M, **Ossola P***, Scarselli M* (2025). Subjectively reported sleep improvement with antipsychotic medications in clinical practice: a systematic review, meta-analysis, and meta-regression of moderating factors. *Journal of Psychopharmacology*. [accepted]
44. Capuzzi E, Ceresa A, Caldiroli A, Esposito CM, **Ossola P**, Buoli M (2021). The Relation between the Plasma Concentrations of Long-Acting Atypical Antipsychotics and Clinical Effectiveness in Patients Affected by Schizophrenia or Schizoaffective Disorder: A Comprehensive Overview. *Current Pharmaceutical Design*. 27:4070-4077
45. **Ossola P**, Fortunati R, Marchesi C, Rossi A, Maggini C. (2020). Basic Symptoms in Schizophrenia: A comparison between self-report questionnaires and clinical interviews. *Psychiatry Research*. 284:112755
46. Tonna M, **Ossola P**, Marchesi C, the GET UP Group. (2019). The dimensional structure of first episode psychosis. *Early Intervention in Psychiatry* 13:1431–1438
47. Tonna M, Ottoni R, Pellegrini C, Bettini E, Accardi V, **Ossola P**, De Panfilis C, Marchesi C. (2019) The “Obsessive Paradox”: The Complex Relationship Between Cognitive and Obsessive Dimensions in Schizophrenia. *Journal of Nervous and Mental Disease* 207:715–720
48. Tonna M, Paglia F, Ottoni R, **Ossola P**, De Panfilis C, Marchesi C. (2018) Delusional Disorder: The role of personality and emotions on delusional ideation. *Comprehensive Psychiatry* 85:78-83.
49. Tonna M, Ottoni R, Paglia F, **Ossola P**, De Panfilis C, Marchesi C. (2016) Obsessive–compulsive symptoms interact with disorganization in influencing social functioning in schizophrenia. *Schizophrenia Research* 171:35-41
50. Tonna M, Ottoni R, Paglia F, Monici A, **Ossola P**, De Panfilis C, Marchesi C. (2016). Obsessive-compulsive symptoms in schizophrenia and in obsessive compulsive disorder: differences and similarities. *Journal of Psychiatric Practice* 22:111-116
51. Fortunati R, **Ossola P**, Camerlengo A, Bettini E, De Panfilis C, Tonna M, Maggini C, Marchesi C. (2015). Anhedonia in Schizophrenia: the role of Subjective Experiences. *Comprehensive Psychiatry* 62:152-160
52. Tonna M, Ottoni R, Paglia F, **Ossola P**, De Panfilis C, Marchesi C. (2015) Obsessive-compulsive symptom severity in schizophrenia: a Janus Bifrons effect on functioning. *European Archive of Psychiatry and Clinical Neuroscience*. 266:63-69
53. Marchesi C, Affaticati A, Monici A, De Panfilis C, **Ossola P**, Ottoni R, Tonna M. (2015) Decrease of functioning in remitted and non-remitted patients 16 years after a first-episode schizophrenia. *Journal of Nervous and Mental Diseases* 203:406-411
54. Marchesi C, Affaticati A, Monici A, De Panfilis C, **Ossola P**, Tonna M. (2015) Severity of core symptoms in first episode schizophrenia and long-term remission. *Psychiatry Research* 225: 129-132.
55. Tonna M, Ottoni R, Affaticati A, Ferrari L, Monici A, **Ossola P**, De Panfilis C, Marchesi C. (2015). The impact of obsessive dimension on symptoms and functioning in schizophrenia. *Psychiatry Research* 230:581-584
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