

## PUBBLICAZIONI

---

- [ 2024 ] [IN SILICO ANALYSIS HIGHLIGHTS POTENTIAL PREDICTIVE INDICATORS ASSOCIATED WITH SECONDARY PROGRESSIVE MULTIPLE SCLEROSIS](#)  
**Marco Calabrò**<sup>1</sup>, Maria Lui<sup>1</sup>, Emanuela Mazzon<sup>1</sup>, Simone D'Angiolini<sup>1</sup>  
Int J Mol Sci. 2024 Mar 16;25(6):3374. doi: 10.3390/ijms25063374.
- [ 2024 ] [NETWORK ANALYSIS PERFORMED ON TRANSCRIPTOMES OF PARKINSON'S DISEASE PATIENTS REVEALS DYSFUNCTION IN PROTEIN TRANSLATION](#)  
Simone D'Angiolini<sup>1</sup>, Maria Lui<sup>1</sup>, Emanuela Mazzon<sup>1</sup>, **Marco Calabrò**<sup>1</sup>  
Int J Mol Sci. 2024 Jan 21;25(2):1299. doi: 10.3390/ijms25021299.
- [ 2022 ] [BODY WEIGHT CHANGES AND BIPOLAR DISORDER: A MOLECULAR PATHWAY ANALYSIS.](#)  
**Calabró M**, Briuglia S, Crisafulli C, Drago A.  
Pharmacogenet Genomics. 2022 Dec 1;32(9):308-320. doi: 10.1097/FPC.0000000000000484. Epub 2022 Oct 26.
- [ 2022 ] [METABOLIZING STATUS OF CYP2C19 IN RESPONSE AND SIDE EFFECTS TO MEDICATIONS FOR DEPRESSION: RESULTS FROM A NATURALISTIC STUDY](#)  
**Calabrò M**, Fabbri C, Kasper S, Zohar J, Souery D, Montgomery S, Albani D, Forloni G, Ferentinos P, Rujescu D, Mendlewicz J, De Ronchi D, Serretti A, Crisafulli C.  
Eur Neuropsychopharmacol. 2022 Mar;56:100-111. doi: 10.1016/j.euroneuro.2022.01.008. Epub 2022 Feb 11.
- [ 2021 ] [SUICIDE RELATED PHENOTYPES IN A BIPOLAR SAMPLE: GENETIC UNDERPINNINGS](#)  
**Riferimento:** <https://doi.org/10.3390/genes12101482>  
Line K. M. Lybech, **Marco Calabró**, Silvana Briuglia, Antonio Drago and Concetta Crisafulli
- [ 2021 ] [MOLECULAR PATHWAYS WITHIN AUTISM SPECTRUM DISORDER ENDOPHENOTYPES.](#)  
Briuglia S, **Calabrò M**, Capra AP, Briguori S, La Rosa MA, Crisafulli C.  
J Mol Neurosci. 2021 Jul;71(7):1357-1367. doi: 10.1007/s12031-020-01782-7. Epub 2021 Jan 25.  
PMID: 33492615
- [ 2021 ] [CNVs INFORM THE BIOLOGICAL NETWORK OF AUTISM SPECTRUM DISORDER.](#)  
Briuglia S, **Calabrò M**, Capra AP, La Rosa MA, Crisafulli C.  
Psychiatry Res. 2021 Mar;297:113729. doi: 10.1016/j.psychres.2021.113729. Epub 2021 Jan 21.

PMID: 33524775

[ 2021 ] **POSSIBLE MODULATORY ROLE OF ARC GENE VARIANTS IN MOOD DISORDERS.**

Crisafulli C, **Calabrò M**, Mandelli L, Wang SM, Lee SJ, Han C, Patkar A, Masand P, Pae CU, Souery D, Mendlewicz J, Serretti A.

Clin Psychopharmacol Neurosci. 2021 Feb 28;19(1):46-52. doi: 10.9758/cpn.2021.19.1.46.

PMID: 33508787

[ 2021 ] **RESEARCH DOMAIN CRITERIA (RDOC): A PERSPECTIVE TO PROBE THE BIOLOGICAL BACKGROUND BEHIND TREATMENT EFFICACY IN DEPRESSION.**

**Calabrò M**, Fabbri C, Kasper S, Zohar J, Souery D, Montgomery S, Albani D, Forloni G, Ferentinos P, Rujescu D, Mendlewicz J, Colombo R, De Ronchi D, Serretti A, Crisafulli C.

Curr Med Chem. 2021 Jan 3. doi: 10.2174/0929867328666210104104938. Online ahead of print.

PMID: 33397226

[ 2020 ] **THE BIOLOGICAL PATHWAYS OF ALZHEIMER DISEASE: A REVIEW.**

**Calabrò M**, Rinaldi C, Santoro G, Crisafulli C.

AIMS Neurosci. 2020 Dec 16;8(1):86-132. doi: 10.3934/Neuroscience.2021005. eCollection 2021.

PMID: 33490374

[ 2020 ] **GENETIC VARIANTS ASSOCIATED WITH PSYCHOTIC SYMPTOMS ACROSS PSYCHIATRIC DISORDERS.**

**Calabrò M**, Mandelli L, Crisafulli C, Porcelli S, Albani D, Politis A, Papadimitriou GN, Di Nicola M, Janiri L, Colombo R, Martinotti G, Bellomo A, Vieta E, Bonassi S, Frustaci A, Ducci G, Landi S, Boccia S, Serretti A. Mol Biol Rep. 2020 Jan 22. doi: 10.1007/s11033-020-05260-6.

[ 2019 ] **PSYCHIATRIC DISORDERS AND SLC6A4 GENE VARIANTS: POSSIBLE EFFECTS ON ALCOHOL DEPENDENCE AND ALZHEIMER'S DISEASE.**

**Calabrò M**, Mandelli L, Crisafulli C, Porcelli S, Albani D, Politis A, Papadimitriou GN, Di Nicola M, Janiri L, Colombo R, Martinotti G, Bellomo A, Vieta E, Bonassi S, Frustaci A, Ducci G, Landi S, Boccia S, Serretti A.

Mol Biol Rep. 2019 Oct 8. doi: 10.1007/s11033-019-05119-5

[ 2019 ] **ALZHEIMER'S DISEASE AND NEUROTRANSMISSION GENE VARIANTS: FOCUS ON THEIR EFFECTS ON PSYCHIATRIC COMORBIDITIES AND INFLAMMATORY PARAMETERS.**

Porcelli S, **Calabrò M**, Crisafulli C, Politis A, Liappas I, Albani D, Raimondi I, Forloni G, Benedetti F, Papadimitriou GN, Serretti A. Neuropsychobiology. 2019;78(2):79-85. doi: 10.1159/000497164. Epub 2019 May 16.

[ 2019 ] **FKBP5 GENE VARIANTS MAY MODULATE DEPRESSIVE FEATURES IN BIPOLAR DISORDER.**

**Calabrò M**, Crisafulli C, Di Nicola M, Colombo R, Janiri L, Serretti A.

Neuropsychobiology. 2019;78(2):104-112. doi: 10.1159/000499976. Epub 2019 May 9.

[ 2018 ] **ZNF804A GENE VARIANTS HAVE A CROSS-DIAGNOSTIC INFLUENCE ON PSYCHOSIS AND TREATMENT IMPROVEMENT IN MOOD DISORDERS.**

**Marco Calabrò**, Laura Madelli, Concetta Crisafulli, Marco Di Nicola, Roberto Colombo, Luigi Janiri, Soo-Jung Lee, Tae-Youn Jun, Sheng-Min Wang, Prakash Masand, Ashwin Patkar, Changsu Han, Chi-Un Pae, Alessandro Serretti.

Clinical PsychoPharmacology and Neuroscience, Epub 2018 Nov 21.

[ 2018 ] **THE SEROTONIN TRANSPORTER AND ACTIVITY-REGULATED CYTOSKELETON GENES IN ANTIDEPRESSANT RESPONSE AND RESISTANCE: 5-HTTLPR AND OTHER VARIANTS.**

**Calabrò M.**, Fabbri C., Crisafulli C., Albani D., Forloni G., Kasper S., Sidoti A., Velardi E., Zohar J., Juven-Wetzler A., Souery D., Montgomery S., Mendlewicz J., Serretti A.

Hum Psychopharmacol Clin Exp.2018;e2682. <https://doi.org/10.1002/hup.2682>

[ 2018 ] **NEUROPLASTICITY, NEUROTRANSMISSION AND BRAIN-RELATED GENES IN MAJOR DEPRESSION AND BIPOLAR DISORDER: FOCUS ON TREATMENT OUTCOMES IN AN ASIATIC SAMPLE.**

**Calabrò M**, Mandelli L, Crisafulli C, Lee SJ, Jun TY, Wang SM, Patkar AA, Masand PS, Benedetti F, Han C, Pae CU, Serretti A.

Adv Ther. 2018 Oct;35(10):1656-1670. doi: 10.1007/s12325-018-0781-2. Epub 2018 Sep 3.

[ 2018 ] **GENETIC INSIGHTS FROM A MOLECULAR PATHWAY ANALYSIS ON TWO INDEPENDENT SAMPLES OF AUTISTIC PATIENTS.**

Drago A, **Calabrò M**, Crisafulli C, Rasmussen SK.

J Mol Genet Med 12: 326 doi:10.4172/1747-0862.1000326 (13 Feb 2018)

[ 2017 ] **GENES INVOLVED IN NEURODEVELOPMENT, NEUROPLASTICITY AND MAJOR DEPRESSION: NO ASSOCIATION FOR CACNA1C, CHRNA7 AND MAPK1.**

**Marco Calabrò** , Laura Mandelli , Concetta Crisafulli , Soo-Jung Lee , Tae-Youn Jun , Sheng-Min Wang , Ashwin A Patkar , Prakash S Masand , Changsu Han , Chi-Un Pae , Alessandro Serretti. Clinical PsychoPharmacology and Neuroscience, Epub 2017 Dec 4.

[ 2017 ] **GENETIC VARIANTS WITHIN MOLECULAR TARGETS OF ANTIPSYCHOTIC TREATMENT: EFFECTS ON TREATMENT RESPONSE, SCHIZOPHRENIA RISK, AND PSYCHOPATHOLOGICAL FEATURES.**

**Calabrò M**, Porcelli S, Crisafulli C, Wang SM, Lee SJ, Han C, Patkar AA, Masand PS, Albani D, Raimondi I, Forloni G, Bin S, Cristalli C, Mantovani V, Pae CU, Serretti A.

J Mol Neurosci. 2018 Jan;64(1):62-74. doi: 10.1007/s12031-017-1002-1. Epub 2017 Nov 21.

[ 2017 ] **BIOLOGICAL SUBSTANTIATION OF ANTIPSYCHOTIC-ASSOCIATED PNEUMONIA: SYSTEMATIC LITERATURE REVIEW AND COMPUTATIONAL ANALYSES.**

Sultana J, **Calabrò M**, Garcia-Serna R, Ferrajolo C, Crisafulli C, Mestres J, Trifirò' G. PLoS One. 2017

Oct 27;12(10):e0187034. doi: 10.1371/journal.pone.0187034. eCollection 2017. Review.

[ 2017 ] **GENETIC VARIANTS WITHIN KEY NODES OF THE CASCADE OF ANTIPSYCHOTIC MECHANISMS: EFFECTS ON ANTIPSYCHOTIC RESPONSE AND SCHIZOPHRENIA PSYCHOPATHOLOGY IN A NATURALISTIC TREATMENT SETTING IN TWO INDEPENDENT KOREAN AND ITALIAN SAMPLES.**

**Calabrò M**, Porcelli S, Crisafulli C, Wang SM, Lee SJ, Han C, Patkar AA, Masand PS, Albani D, Raimondi I, Forloni G, Bin S,

Mattiaccio A, Mantovani V, Jun TY, Pae CU, Serretti A.

Adv Ther. 2017 May 16. doi:10.1007/s12325-017-0555-2. [Epub ahead of print]

[ 2017 ] **GENES INVOLVED IN NEURODEVELOPMENT, NEUROPLASTICITY, AND BIPOLAR DISORDER: CACNA1C, CHRNA1, AND MAPK1.**

**Calabrò M**, Mandelli L, Crisafulli C, Sidoti A, Jun TY, Lee SJ, Han C, Patkar AA, Masand PS, Pae CU, Serretti A.

Neuropsychobiology. 2017 May 12;74(3):159-168. doi: 10.1159/000468543. [Epub ahead of print]

[ 2017 ] **NEUROPLASTICITY AND SECOND MESSENGER PATHWAYS IN ANTIDEPRESSANT EFFICACY: PHARMACOGENETIC RESULTS FROM A PROSPECTIVE TRIAL INVESTIGATING TREATMENT RESISTANCE.**

Fabbri C, Crisafulli C, Calati R, Albani D, Forloni G, **Calabrò M**, Martines R, Kasper S, Zohar J, Juven-Wetzler A, Souery D, Montgomery S, Mendlewicz J, Serretti A.

Eur Arch Psychiatry Clin Neurosci. 2017 Mar 4 [Epub ahead of print]

[ 2016 ] **ROLE OF NEURODEVELOPMENT INVOLVED GENES IN PSYCHIATRIC COMORBIDITIES AND MODULATION OF INFLAMMATORY PROCESSES IN ALZHEIMER'S DISEASE.**

Porcelli S, Crisafulli C, Donato L, **Calabrò M**, Politis A, Liappas I, Albani D; Atti AR, Salfi R, Raimondi I, Forloni G, Papadimitriou GN, De Ronchi D, Serretti A.

Journal of the Neurological Sciences; Sept 2016

[ 2016 ] **PROGRESS AND PROSPECTS IN PHARMACOGENETICS OF ANTIDEPRESSANT DRUGS.**

Fabbri C, Crisafulli C, **Calabrò M**, Spina E, Serretti A.

Expert Opin Drug Metab Toxicol. 2016 Oct;12(10):1157-68. doi: 10.1080/17425255.2016.1202237. Epub 2016 Jun 27.

[ 2016 ] **POSSIBLE BIOMARKERS MODULATING HALOPERIDOL EFFICACY AND/OR TOLERABILITY.**

Porcelli S, Crisafulli C, **Calabrò M**, Serretti A, Rujescu D.

Pharmacogenomics. 2016 Apr;17(5):507-29. doi: 10.2217/pgs.16.5. Epub 2016 Mar 29.

[ 2016 ] **THE MICROTUBULE-ASSOCIATED MOLECULAR PATHWAYS MAY BE GENETICALLY DISRUPTED IN PATIENTS WITH BIPOLAR DISORDER. INSIGHTS FROM THE MOLECULAR CASCADES.**

Drago A, Crisafulli C, Sidoti A, **Calabrò M**, Serretti A.

J Affect Disord. 2016 Jan 15;190:429-38. doi: 10.1016/j.jad.2015.10.016. Epub 2015 Oct 23.

[ 2015 ] **GENES INVOLVED IN PRUNING AND INFLAMMATION ARE ENRICHED IN A LARGE MEGA-SAMPLE OF PATIENT AFFECTED BY SCHIZOPHRENIA AND BIPOLAR DISORDER AND CONTROLS.**

**Calabrò M**, Drago A, Sidoti A, Serretti A, Crisafulli C.

Psychiatry Res. 2015 Aug 30;228(3):945-9. Epub 2015 Jun 26.

[ 2015 ] **CHL1, ITGB3 AND SLC6A4 GENE EXPRESSION AND ANTIDEPRESSANT DRUG RESPONSE: RESULTS FROM THE Munich Antidepressant Response Signature (MARS) Study.**

Probst-Schendzielorz K, Scholl C, Efimkina O, Ersfeld E, Viviani R, Serretti A, Fabbri C, Gurwitz D, Lucae S, Ising M, Paul AM, Lehmann ML, Steffens M, Crisafulli C, **Calabrò M**, Holsboer F, Stingl J.

Pharmacogenomics. 2015 May;16(7):689-701. doi: 10.2217/pgs.15.31. Epub 2015 May 6.

[ 2015 ] **ENRICHMENT PATHWAY ANALYSIS. THE INFLAMMATORY GENETIC BACKGROUND IN BIPOLAR DISORDER.**

Drago, A., Crisafulli, C., **Calabrò, M.**, Serretti, A., 2015.

J Affect Disord 179, 88-94.

[ 2015 ] **NEURONAL CELL ADHESION GENES AND ANTIDEPRESSANT RESPONSE IN THREE INDEPENDENT SAMPLES.**

Fabbri C, Crisafulli C, Gurwitz D, Stingl J, Calati R, Albani D, Forloni G, **Calabrò M**, Martines R, Kasper S, Zohar J, Juven-Wetzler A, Souery D,

Montgomery S, Mendlewicz J, Girolamo GD, Serretti A.

Pharmacogenomics J. 2015 Dec;15(6):538-48. doi: 10.1038/tpj.2015.15. Epub 2015 Apr 7.

[ 2015 ] **A MOLECULAR PATHWAY ANALYSIS INFORMS THE GENETIC BACKGROUND AT RISK FOR SCHIZOPHRENIA.**

Crisafulli C, Drago A, **Calabrò M**, Spina E, Serretti A.

Prog Neuropsychopharmacol Biol Psychiatry. 2015 Jun 3;59:21-30. doi: 10.1016/j.pnpbp. 2014.12.009. Epub 2014 Dec 30.

[ 2014 ] **PPP3CC GENE: A PUTATIVE MODULATOR OF ANTIDEPRESSANT RESPONSE THROUGH THE B-CELL RECEPTOR SIGNALING PATHWAY.**

Fabbri C, Marsano A, Albani D, Chierchia A, Calati R, Drago A, Crisafulli C, **Calabrò M**, Kasper S, Lanzenberger R,

Zohar J, Juven-Wetzler A, Souery D, Montgomery S, Mendlewicz J, Serretti A.

Pharmacogenomics J. 2014 Oct;14(5):463-72. doi: 10.1038/tpj.2014.15. Epub 2014 Apr 8.

[ 2014 ] **PHARMACOGENETICS OF ANTIDEPRESSANT DRUGS: AN UPDATE.**

Crisafulli C, Drago A, **Calabrò M**, Sidoti A, Serretti A, Spina E.

Hospital Pharmacology 2014; 1(1):33-51.

**EVALUATION OF THE ROLE OF MAPK1 AND CREB1 POLYMORPHISMS ON TREATMENT RESISTANCE, RESPONSE AND REMISSION IN MOOD DISORDER PATIENTS.**

[ 2013 ]

Calati R, Crisafulli C, Balestri M, Serretti A, Spina E, **Calabrò M**, Sidoti A, Albani D, Massat I, Höfer P, Amital D, Juven-Wetzler A, Kasper S, Zohar J, Souery D, Montgomery S, Mendlewicz J.

Prog Neuropsychopharmacol Biol Psychiatry. 2013 Jul 1;44:271-8. Epub 2013 Mar 26.

**THE GENETIC EXPRESSION PROFILE AFTER ANTIDEPRESSANT TREATMENT INFORMS THE ANTI-DEPRESSANT MOLECULAR EVENTS.**

[ 2013 ]

Drago A., Crisafulli C., **Calabrò M.**, Serretti A.

The Official Newsletter of the International Society for Bipolar Disorders. 2013 - Volume 14, Issue 1

**FMO3 ALLELIC VARIANTS IN SICILIAN AND SARDINIAN POPULATIONS: TRIMETHYLAMINURIA AND ABSENCE OF FISH-LIKE BODY ODOR.**

[ 2012 ]

D'Angelo R, Esposito T, **Calabrò M**, Rinaldi C, Robledo R, Varriale B, Sidoti A.

Gene. 2012 Dec 21. pii: S0378-1119(12)01571-5. doi: 10.1016/j.gene.2012.12.047.

**IDENTIFICATION OF A NOVEL CCM2 GENE MUTATION IN AN ITALIAN FAMILY WITH MULTIPLE CEREBRAL CAVERNOUS MALFORMATIONS AND EPILEPSY: A CAUSATIVE MUTATION?**

[ 2012 ]

D'Angelo R, Scimone C, **Calabrò M**, Schettino C, Fratta M, Sidoti A.

Gene. 2012 Sep 19. pii: S0378-1119(12)01126-2. doi: 10.1016/j.gene.2012.09.045.