



AL MAGNIFICO RETTORE
DELL'UNIVERSITA' DEGLI STUDI DI MILANO

COD. ID: 5655

Il sottoscritto chiede di essere ammesso a partecipare alla selezione pubblica, per titoli ed esami, per il conferimento di un assegno di ricerca presso il Dipartimento di Scienze Farmacologiche e Biomolecolari

Responsabile scientifico: Prof.ssa Annamaria Cattaneo

Veronica Begni

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Cognome	BEGNI
Nome	VERONICA

OCCUPAZIONE ATTUALE

Incarico	Struttura
Assegno di ricerca tipo B	Dipartimento di Scienze Farmacologiche e Biomolecolari, Università degli Studi di Milano

ISTRUZIONE E FORMAZIONE

Titolo	Corso di studi	Università	anno conseguimento titolo
Laurea Magistrale o equivalente	Biotechnologie Mediche	Università degli Studi di Brescia	2013
Specializzazione			
Dottorato Di Ricerca	Scienze Farmacologiche Sperimentali e Cliniche	Università degli Studi di Milano	2018
Master			
Diploma Di Specializzazione Medica			
Diploma Di Specializzazione Europea			
Altro			



UNIVERSITÀ DEGLI STUDI DI MILANO

LINGUE STRANIERE CONOSCIUTE

lingue	livello di conoscenza
Inglese	Avanzato

PREMI, RICONOSCIMENTI E BORSE DI STUDIO

anno	Descrizione premio
2022	Vincitrice di un assegno di ricerca di tipo B presso il Dipartimento di Scienze Farmacologiche e Biomolecolari, Università degli Studi di Milano
2020	Vincitrice di un assegno di ricerca di tipo A presso il Dipartimento di Scienze Farmacologiche e Biomolecolari, Università degli Studi di Milano (rinnovo di ulteriori 2 anni)
2019	Vincitrice di una borsa di studio per brevi periodi all'estero "EMBO Short-Term Fellowship"
2018	Vincitrice di un assegno di ricerca di tipo A presso il Dipartimento di Scienze Farmacologiche e Biomolecolari, Università degli Studi di Milano (2 anni)
2014	Vincitrice di una borsa di studio per la scuola di Dottorato in Scienze Farmacologiche Sperimentali e Cliniche presso il Dipartimento di Scienze Farmacologiche e Biomolecolari, Università degli Studi di Milano
2014	Vincitrice di una borsa di studio per il Progetto Europeo REBORNE "Regenerating bone defects using new biomedical engineering approaches" presso l'Unità di Criobiologia e Terapia cellulare "Cell Factory" dell'Ospedale Maggiore Policlinico Fondazione IRCCS Ca' Granda Milano

ATTIVITÀ DI FORMAZIONE O DI RICERCA

2022-2023 Assegno di ricerca di tipo B presso il Dipartimento di Scienze Farmacologiche e Biomolecolari, Università degli Studi di Milano
2018-2022 Assegno di ricerca di tipo A presso il Dipartimento di Scienze Farmacologiche e Biomolecolari, Università degli Studi di Milano
06/2019-11/2019 Periodo di ricerca all'estero presso l'Università di Amsterdam, Center for Neuroscience, Swammerdam Institute for Life Science, Amsterdam
2014-2017 Dottorato in Scienze Farmacologiche Sperimentali e Cliniche presso il Dipartimento di Scienze Farmacologiche e Biomolecolari, Università di Milano
06/2014-10/2014 Borsa di studio nell'ambito del progetto REBORNE "Regenerating bone defects using new biomedical engineering approaches", presso l'Unità di Criobiologia e Terapia Cellulare "Cell Factory", Ospedale Maggiore Policlinico Fondazione IRCCS Ca' Granda Milano
03/2012-03/2013 Tesi di laurea presso l'Unità di Genetica, IRCCS Centro San Giovanni di Dio Fatebenefratelli, Brescia
03/2009-03/2010 Tesi di laurea presso EPIGET- Laboratorio di Epidemiologia, Epigenetica e Tossicologia, Dipartimento di Salute Clinica e di Comunità, Ospedale Maggiore Policlinico Fondazione IRCCS Ca' Granda Milano
Capacità e competenze
▪ Metodiche di Biologia Molecolare (Estrazione di DNA e RNA da cellule e tessuti, saggi elettroforetici, retro-trascrizioni, PCR, Real-Time PCR, analisi di trascrittomica e miRNomica, analisi di RNAseq) ▪ Metodiche di Biochimica (Preparazione di frazioni proteiche, saggi di quantificazione proteica,



Western Blot, ELISA)

- Manipolazione di animali (roditori), procedure sperimentali quali trattamenti farmacologici e test comportamentali, sacrifici e dissezioni di aree cerebrali e tessuti periferici
- Utilizzo dei principali software statistici e bioinformatici per l'analisi dei dati (Pacchetto Office, GraphPad Prism, IBM SPSS Statistics)
- Utilizzo di software bioinformatici per l'analisi di dati di trascrittoma e RNAseq (QIAGEN Ingenuity Pathway Analysis (IPA), Illumina DRAGEN (Dynamic Read Analysis for GENomics) Bio-IT Platform)
- Disegno e stesura di progetti di ricerca in ambito preclinico
- Stesura di report, articoli scientifici e review nell'ambito dell'attività di ricerca
- Competenze organizzative quali coordinamento di persone e progetti e gestione di ordini
- Correlatore di diverse tesi sperimentali per il conseguimento della laurea magistrale in "Farmacia" e "Chimica e Tecnologia Farmaceutica"
- Partecipazioni a congressi nazionali e internazionali
- Competenze relazionali utili nell'ambito dell'attività di ricerca scientifica in laboratorio in un ambiente internazionale e non

ATTIVITÀ PROGETTUALE

Anno	Progetto
2017	PRIN: Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale Bando 2017 Titolo: Early life stress and psychopathology: unraveling the mechanisms of vulnerability and resilience
2015	PRIN: Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale Bando 2015 Titolo: Focusing on risk factors to search for novel protective strategies in neurodegenerative diseases: targeting the cellular redox system
2015	PRIN: Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale Bando 201 Titolo: Stress in adolescenza: dalle alterazioni cognitive alla suscettibilità per le patologie psichiatriche

CONGRESSI, CONVEGNI E SEMINARI

Data	Titolo	Sede
01/2023	24 th SINPF Conference	Virtual
11/2022	41 st SIF Conference	Roma
04/2022	SOBP Annual Meeting	New Orleans
02/2022	11 th International Meeting STEROIDS and NERVOUS SYSTEM	Virtual
01/2022	23 rd SINPF Conference	Virtual
11/2021	50 th SFN Neuroscience Meeting	Virtual
10/2021	34 th ECNP Conference	Lisbona



06/2021	Dutch Neuroscience Meeting	Virtual
03/2021	40 th SIF Conference	Virtual
03/2021	ECNP Workshop for Early Career Scientists in Europe	Virtual
01/2021	22 nd SINPF Conference	Virtual
09/2020	33 rd ECNP Conference	Virtual
08/2019	49 th ISPNE Conference	Milano
06/2019	Dutch Neuroscience Meeting	Lunteren
02/2019	10 th International Meeting STEROIDS and NERVOUS SYSTEM	Torino
10/2018	31 st ECNP Conference	Barcellona
11/2017	47 th SFN Neuroscience Meeting	Washington
09/2017	38 th SIF Conference	Rimini
02/2017	9 th International Meeting STEROIDS and NERVOUS SYSTEM	Torino
08/2015	28 th ECNP Conference	Amsterdam
05/2015	EMBO Conference "Chromatin and Epigenetic"	Heidelberg
02/2015	8 th International Meeting STEROIDS and NERVOUS SYSTEM	Torino

PUBBLICAZIONI

Articoli su riviste

Jaehne E.J., Kent J.N., Lam N., Schonfeld L., Spiers J.G., Begni V., De Rosa F., Riva M.A., van den Buuse M. Chronic running-wheel exercise from adolescence leads to increased anxiety and depression-like phenotypes in adulthood in rats: Effects on stress markers and interaction with BDNF Val66Met genotype. *Dev Psychobiol.* 2023 Jan;65(1):e22347. doi: 10.1002/dev.22347.

Fidilio A., Grasso M., Caruso G., Musso N., Begni V., Privitera A., Torrisi S.A., Campolongo P., Schiavone S., Tascetta F., Leggio G.M., Drago F., Riva M.A., Caraci F. Prenatal stress induces a depressive-like phenotype in adolescent rats: The key role of TGF- β 1 pathway. *Front Pharmacol.* 2022 Dec;13:1075746. doi: 10.3389/fphar.2022.1075746.



Begni V., Pisano I., Marizzoni M., Marchisella F., Creutzberg K.C., De Rosa F., Cattaneo A., Gruca P., Litwa E., Papp M., Riva M.A. Exposure to chronic stress impairs the ability to cope with an acute challenge: Modulation by lurasidone treatment. *Eur Neuropsychopharmacol.* 2022 Aug;61:78-90. doi: 10.1016/j.euroneuro.2022.06.005.

Mallien A.S., Becker L., Pfeiffer N., Terraneo F., Hahn M., Middelmann A., Palme R., Creutzberg K.C., Begni V., Riva M.A., Leo D., Potschka H., Fumagalli F., Homberg J.R., Gass P. Dopamine Transporter Knockout Rats Show Impaired Wellbeing in a Multimodal Severity Assessment Approach. *Front Behav Neurosci.* 2022 Jul;16:924603. doi: 10.3389/fnbeh.2022.924603.

de Bartolomeis A., Barone A., Begni V., Riva M.A. Present and future antipsychotic drugs: A systematic review of the putative mechanisms of action for efficacy and a critical appraisal under a translational perspective. *Pharmacol Res.* 2022 Feb; 176:106078. doi: 10.1016/j.phrs.2022.106078.

Lopizzo N., Marizzoni M., Begni V., Mazzelli M., Provati S., Borruso L., Riva M.A., Cattaneo A. Social isolation in adolescence and long-term changes in the gut microbiota composition and in the hippocampal inflammation: Implications for psychiatric disorders. *Psychoneuroendocrinology.* 2021 Nov;133:105416. doi: 10.1016/j.psyneuen.2021.105416.

Marchisella F., Creutzberg K.C., Begni V., Sanson A., Wearick-Silva L.E., Tractenberg S.G., Orso R., Kestering-Ferreira E., Grassi-Oliveira R., Riva M.A. Exposure to Prenatal Stress Is Associated With an Excitatory/Inhibitory Imbalance in Rat Prefrontal Cortex and Amygdala and an Increased Risk for Emotional Dysregulation. *Front Cell Dev Biol.* 2021 Jun 1;9:653384. <https://doi.org/10.3389/fcell.2021.653384>

Creutzberg K.C., Sanson A., Viola T.W., Marchisella F., Begni V., Grassi-Oliveira R., Riva M.A. Long-lasting effects of prenatal stress on HPA axis and inflammation: A systematic review and multilevel meta-analysis in rodent studies. *Neurosci Biobehav Rev.* 2021 May 2;127:270-283. <https://doi.org/10.1016/j.neubiorev.2021.04.032>

Begni V., Sanson A., Luoni A., Sensini F., Grayson B., Munni S., Neill J.C., Riva M.A. Towards Novel Treatments for Schizophrenia: Molecular and Behavioural Signatures of the Psychotropic Agent SEP-363856. *Int J Mol Sci.* 2021 Apr 16;22(8):4119. <https://doi.org/10.3390/ijms22084119>

Lopizzo N., Mazzelli M., Zonca V., Begni V., D'Aprile I., Cattaneo N., Pariante C.M., Riva M.A., Cattaneo A. Alterations in 'inflammatory' pathways in the rat prefrontal cortex as early biological predictors of the longterm negative consequences of exposure to stress early in life. *Psychoneuroendocrinology.* 2021 Feb;124:104794. <https://doi.org/10.1016/j.psyneuen.2020.104794>

Paladini M.S., Spero V., Begni V., Marchisella F., Guidi A., Gruca P., Lason M., Litwa E., Papp M., Riva M.A., Molteni R. Behavioral and molecular effects of the antipsychotic drug blonanserin in the chronic mild stress model. *Pharmacol Res.* 2020 Dec 1;163:105330. <https://doi.org/10.1016/j.phrs.2020.105330>

Cattaneo A., Suderman M., Cattaneo N., Mazzelli M., Begni V., Maj C., D'Aprile I., Pariante C.M., Luoni A., Berry A., Wurst K., Hommers L., Domschke K., Cirulli F., Szyf M., Menke A., Riva M.A. Long-term effects of stress early in life on microRNA-30a and its network: Preventive effects of lurasidone and potential implications for depression vulnerability. *Neurobiol Stress.* 2020 Nov 23;13:100271. <https://doi.org/10.1016/j.ynstr.2020.100271>

Begni V, Sanson A, Pfeiffer N, Brandwein C, Inta D, Talbot SR, Riva MA, Gass P, Mallien AS. Social isolation in rats: Effects on animal welfare and molecular markers for neuroplasticity. *PLoS One.* 2020 Oct 27;15(10):e0240439. <https://doi.org/10.1371/journal.pone.0240439>

Begni V, Zampar S, Longo L, Riva MA. Sex Differences in the Enduring Effects of Social Deprivation during Adolescence in Rats: Implications for Psychiatric Disorders. *Neuroscience* 2020;437:11-22. <https://doi.org/10.1016/j.neuroscience.2020.04.018>.

Mazzelli M, Maj C, Mariani N, Mora C, Begni V, Pariante CM, Riva MA, Cattaneo A, Cattaneo N. The Long-Term Effects of Early Life Stress on the Modulation of miR-19 Levels. *Front Psychiatry.* 2020 May 15;11:389. <https://doi.org/10.3389/fpsy.2020.00389>

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Begni, V., Reemst, K., Korosi, A., 2020. Stress and Its Main Target System: Role of the HPA Axis. Ref. Modul. Neurosci. Biobehav. Psychol. <https://doi.org/10.1016/B978-0-12-819641-0.00100-6>

Cattaneo A, Begni V, Malpighi C, Cattane N, Luoni A, Pariante C, et al. Transcriptional Signatures of Cognitive Impairment in Rat Exposed to Prenatal Stress. *Mol Neurobiol* 2019;56:6251-60. <https://doi.org/10.1007/s12035-019-1523-4>.

Carboni L, Marchetti L, Lauria M, Gass P, Vollmayr B, Redfern A, et al. Cross-species evidence from human and rat brain transcriptome for growth factor signaling pathway dysregulation in major depression. *Neuropsychopharmacology* 2018;43:2134-45. <https://doi.org/10.1038/s41386-018-0117-6>.

Lopizzo N., Tosato S., Begni V., Tomassi S., Cattane N., Barcella M., Turco G., Ruggeri M., Riva M.A., Pariante C.M., Cattaneo A. Transcriptomic analyses and leukocyte telomere length measurement in subjects exposed to severe recent stressful life events. *Transl Psychiatry*. 2017 Feb 21;7(2):e1042. <https://doi.org/10.1038/tp.2017.5>

Begni V, Riva MA, Cattaneo A. Cellular and molecular mechanisms of the brain-derived neurotrophic factor in physiological and pathological conditions. *Clin Sci (Lond)*. 2017 Jan 1;131(2):123-138. doi: 10.1042/CS20160009.

Cattaneo A., Cattane N., Begni V., Pariante C.M., Riva M.A. The human BDNF gene: peripheral gene expression and protein levels as biomarkers for psychiatric disorders. *Transl Psychiatry*. 2016 Nov 22;6(11):e958. <https://doi.org/10.1038/tp.2016.214>

Atti di convegni

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Mazzelli M., Cattane N., Begni V., Luoni A., Riva M.A., Cattaneo A. Exposure to Prenatal Stress and Long Term Effect of Neuroplasticity and Inflammation: Role of miRNAs BIOLOGICAL PSYCHIATRY Volume91 Issue9 PageS240-S240 SupplementS Meeting AbstractP379

Zonca V., Lopizzo N., Begni V., Mazzelli M., Riva M.A., Cattaneo A. The Role of Biological Sex in the Association Between Stress Exposure in Adolescence and Inflammatory System BIOLOGICAL PSYCHIATRY Volume91 Issue9 PageS234-S234 SupplementS Meeting AbstractP364

Pisano I., Begni V., Creutzberg K., Marchisella F., De Rosa F., Papp M., Cattaneo A., Riva M.A. Modulation of Rat Prefrontal Cortex by Lurasidone Treatment in the Chronic Mild Stress Model: From Early Responsiveness to Enhanced Resilience BIOLOGICAL PSYCHIATRY Volume91 Issue9 PageS173-S174 SupplementS Meeting AbstractP214

Tractenberg S., Viola T.W., Orso R., Creutzberg K., Begni V., Riva M., Grassi-Oliveira R. Differential Effects of Early Life Stress During Sensitive Periods of Development on Anxiety-Like Behavior and Gene Expression Response in Adult Mice BIOLOGICAL PSYCHIATRY Volume91 Issue9 PageS142-S142 SupplementS Meeting AbstractP137

Pisano I., Begni V., Creutzberg K.C., Marchisella F., De Rosa F., Papp M., Riva M.A. The early therapeutic efficacy of lurasidone in a rodent model of depression: a behavioural and biomolecular study EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume53 PageS406-S406 Supplement1 Meeting AbstractP.0552

Begni V., Creutzberg K.C., Marchisella F., Pisano I., De Rosa F., Papp M., Riva M.A. Sex-dependent effects of a chronic treatment with lurasidone on the vulnerability to chronic stress exposure EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume53 PageS370-S371 Supplement1 Meeting AbstractP.0502

Lopizzo N., Marizzoni M., Mazzelli M., Begni V., Borruso L.M., Riva M.A., Cattaneo A. Social isolation in adolescence and long-term changes in the gut microbiota composition EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume53 PageS367-S368 Supplement1 Meeting AbstractP.0498

Marchisella F., Pisano I., De Rosa F., Creutzberg K.C., Begni V., Papp M., Riva M.A. Acute stress differentially regulates BDNF expression in prefrontal excitatory and inhibitory neurons of chronically stressed rats: modulation by lurasidone treatment EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume53



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Creutzberg K.C., Marchisella F., Begni V., Wearick-Silva L.E., Orso R., Lumertz F.S., Tractenberg S.G., Grassi-Oliveira R., Riva M.A. Exposure to prenatal stress induces sex-specific vulnerability in adolescent rats EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume53 PageS143-S144 Supplement1 Meeting AbstractP.0198
Musillo C., Berry A., Ajmone-Cat M.A., De Simone R., Creutzberg K.C., Collacchi B., Begni V., Riva M.A., Cirulli F. Prenatal N-acetyl-cysteine prevents social anxiety and modulates hippocampal inflammatory- and plasticity-related genes in adolescent mice prenatally exposed to a high-fat diet EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume53 PageS49-S50 Supplement1 Meeting AbstractP.0069
Cattaneo A, Lopizzo N, Marizzoni M, Mazzelli M, Provasi S, Begni V, Riva MA. Stress During Adolescence, Inflammatory Status and Depression Vulnerability: Potential Role of the Gut Microbiome NEUROPSYCHOPHARMACOLOGY Volume46 IssueSUPPL 1 Page242-243 Supplement1 Meeting AbstractP316
Riva MA, Pisano I, Begni V, Marchisella F, Creutzberg KC, De Rosa F, Papp M, Cattaneo A. Impaired Coping in Rats Exposed to Chronic Mild Stress: Modulatory Effect of Chronic Lurasidone Treatment NEUROPSYCHOPHARMACOLOGY Volume46 IssueSUPPL 1 Page245-245 Supplement1 Meeting AbstractP320
Lopizzo N., Marizzoni M., Mazzelli M., Begni V., Borruso L.M., Riva M.A., Cattaneo A. The gut-brain axis: Impact of social isolation in adolescence PSYCHONEUROENDOCRINOLOGY Volume131 PageS11-S11 SupplementS
Mazzelli M., Cattane N., Begni V., Papp M., Riva M.A., Cattaneo A. The long-term effects of stress: role of miRNAs in the development of vulnerable and resilient phenotype PSYCHONEUROENDOCRINOLOGY Volume131 PageS12-S12 SupplementS Meeting Abstract105496
Cattaneo A, Lopizzo N, Cattane N, Mazzelli M, Begni V, Riva MA. FoxO1 and Related Inflammatory as Early Biological Predictors of the Long-Term Negative Consequences of Exposure to Stress Early in Life. BIOLOGICAL PSYCHIATRY Volume89 Issue9 PageS67-S67 SupplementS
Riva MA, Lopizzo N, Mazzelli M, Cattane N, Begni V, Cattaneo A. Lurasidone Treatment During Adolescence Prevents the Negative Outcomes of Rats Exposed to Stress During Gestation. BIOLOGICAL PSYCHIATRY Volume89 Issue9 PageS292-S292 SupplementS
Musillo C, Berry A, Collacchi B, Pieroni E, Lepre M, Creutzberg K, Begni V, Riva MA, Cirulli F. N-acetyl-cysteine administration during foetal life improves social behaviour and restores hippocampal bdnf levels in adolescent mice prenatally exposed to a high-fat diet. EUROPEAN PSYCHIATRY Volume64 PageS457-S457 Supplement1 Special IssueSI Meeting AbstractEPP0964
Mazzelli M, Lopizzo N, Cattane N, Mora C, Begni V, Berry A, Cirulli F, Riva MA, Cattaneo A. Different response to high fat diet in PNS animals: metabolism and inflammatory related pathways. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume44 PageS6-S7 Supplement1 Meeting AbstractP.108
Creutzberg KC, Marchisella F, Begni V, Sanson A, Wearick-Silva LE, Tractenberg SG, Orso R, Kestering-Ferreira E, Grassi-Oliveira R, Riva MA. Prenatal stress induces sex-specific behavioural and excitatory/inhibitory balance alterations in adult rats. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume44 PageS15-S15 Supplement1 Meeting AbstractP.120
Begni V, Creutzberg KC, Marchisella F, Pisano I, Papp M, Riva MA. Time course of antidepressant actions of lurasidone treatment towards the identification of early biomarkers of response. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume44 PageS31-S32 Supplement1 Meeting AbstractP.223
Mazzelli M, Lopizzo N, Cattane N, Mora C, Begni V, Berry A, Cirulli F, Riva MA, Cattaneo A. Prenatal stress and high fat diet interaction: role of metabolism and inflammatory related pathways. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume40 PageS131-S132 Supplement1 Meeting AbstractP.232
Begni V, Sanson A, Longoni G, Baldisserotto A, De Rosa F, Papp M, Riva MA. Differential responsiveness to a dexamethasone challenge of vulnerable and resilient animals previously exposed to the chronic mild stress paradigm. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume40 PageS341-S341 Supplement1 Meeting AbstractP.599
Cattane N, Mazzelli M, Begni V, Sanson A, Riva MA, Pariante C, Cattaneo A. Role of microRNAs in the mechanisms underlying stress vulnerability and resilience. EUROPEAN NEUROPSYCHOPHARMACOLOGY



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Marchisella F, Creutzberg K, Begni V, Sanson A, Wearick-Silva LE, Tractenberg S, Viola TW, Grassi-Oliveira R, Riva MA. Amygdala and prefrontal cortex excitatory/inhibitory balance in a rat model of prenatal stress exposure. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume40 PageS342-S343 Supplement1 Meeting AbstractP.600
Musillo C, Berry A, Colacchi B, Lepre M, Creutzberg KC, Begni V, Riva M, Cirulli F. Prenatal N-acetyl-cysteine administration alleviates the long-term effects of maternal obesity of adolescent male and female mouse offspring. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume40 PageS357-S358 Supplement1 Meeting AbstractP.635
Sanson A, Begni V, Luoni A, Zampar S, Longo L, Sensini F, Grayson B, Neill J, Riva MA. Towards novel treatments for schizophrenia: molecular and behavioural signatures of putative antipsychotic drug SEP-363856. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume40 PageS267-S267 Supplement1 Meeting AbstractP.471
Cattane N, Begni V, Sanson A, Riva MA, Pariante C, Cattaneo A. Role of MicroRNAs in the Mechanisms Underlying Stress Vulnerability and Resilience. BIOLOGICAL PSYCHIATRY Volume87 Issue9 PageS219-S219 SupplementS
Cattaneo A, Mazzelli M, Paladini MS, Papp M, Molteni R, Calabrese F, Cattane N, Begni V, Riva M. Chronic Lurasidone Treatment in Stress-Based Models of Psychiatric Disorders: From Prevention to Functional Normalization. BIOLOGICAL PSYCHIATRY Volume87 Issue9 PageS150-S151 SupplementS
Lopizzo N, Mazzelli M, Zonca V, Begni V, Luoni A, Riva MA, Cattaneo A. Alterations in Inflammatory Related Biomarkers in Adolescence as Early Biological Predictors of Altered Behaviors and Depression Vulnerability and Novel Targets for Prevention. BIOLOGICAL PSYCHIATRY Volume87 Issue9 PageS247-S247 SupplementS
Cattaneo A, Cattane N, Mazzelli M, Begni V, Riva MA. LONG-TERM CHANGES OF MIRNA30A FOLLOWING EXPOSURE TO PRENATAL STRESS: MODULATORY EFFECTS OF LURASIDONE TREATMENT DURING ADOLESCENCE. SCHIZOPHRENIA BULLETIN Volume46 PageS119-S120 Supplement1 Meeting AbstractS212
Cattaneo A, Mazzelli M, Cattane N, Begni V, Riva MA. miRNA30a-Related Changes in the Prenatal Stress Model and Modulation by Lurasidone Treatment: Implications for Psychiatric Disorders. NEUROPSYCHOPHARMACOLOGY Volume44 IssueSUPPL 1 Page477-477 Supplement1 Meeting AbstractW172
Lopizzo N, Provasi S, Mombelli E, Begni V, Carrara M, Ferrari C, Riva MA, Cattaneo A. Social isolation in adolescence: Long-lasting alterations in inflammation and gut microbiota during adulthood. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume29 PageS378-S379 Supplement6 Meeting AbstractP.537
Marchisella F, Paladini MS, Begni V, Brivio P, Spero V, Calabrese F, Molteni R, Riva MA. Neuroplastic changes following chronic treatment with antipsychotic blonanserin in rats: Implications for schizophrenia. EUROPEAN NEUROPSYCHOPHARMACOLOGY Volume29 PageS286-S287 Supplement6 Meeting AbstractP.404
Begni V, Longoni G, Sanson A, Papp M, Riva MA. Vulnerability and resilience to chronic stress exposure: Basal changes and responsiveness to a dexamethasone challenge. PSYCHONEUROENDOCRINOLOGY Volume107 Page35-36 SupplementS
Lopizzo N, Provasi S, Mombelli E, Begni V, Carrara M, Ferrari C, Riva MA, Cattaneo A. Social isolation in adolescence and Gut microbiota: Long-lasting alterations during adulthood. PSYCHONEUROENDOCRINOLOGY Volume107 Page30-30 SupplementS
Mazzelli M, Lopizzo N, Cattane N, Mora C, Begni V, Berry A, Riva MA, Cirulli F, Cattaneo A. Exposure to prenatal stress increases susceptibility to the adverse effects of a high fat diet experienced during postnatal development in rats: A role for inflammation. PSYCHONEUROENDOCRINOLOGY Volume107 Page4-5 SupplementS
Begni V, Sanson A, Grayson B, Neill J, Riva MA. MODULATORY ACTIVITY OF THE NOVEL DRUG SEP-363856 ON BRAIN FUNCTION: POTENTIAL APPLICATION FOR THE TREATMENT OF SCHIZOPHRENIA. SCHIZOPHRENIA BULLETIN Volume45 PageS246-S246 Supplement2 Meeting AbstractT109
Begni V, Longo L, Zampar S, Riva MA. Long-lasting effects of stress in adolescence: Behavioural and



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Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del DPR n. 445/2000.

Il presente curriculum, non contiene dati sensibili e dati giudiziari di cui all'art. 4, comma 1, lettere d) ed e) del D.Lgs. 30.6.2003 n. 196.

RICORDIAMO che i curricula SARANNO RESI PUBBLICI sul sito di Ateneo e pertanto si prega di non inserire dati sensibili e personali. Il presente modello è già precostruito per soddisfare la necessità di pubblicazione senza dati sensibili.

Si prega pertanto di **NON FIRMARE** il presente modello.

Luogo e data: Milano, 14/02/2023