

PERSONAL INFORMATION

Cristina Benatti



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Orcid ID <https://orcid.org/0000-0003-0236-9525>

Date of birth 10/ 27/1976 | Italian citizenship

WORK EXPERIENCE

2026-present

Associate Professor in Pharmacology

Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Modena

2022-2025

Researcher (RTD-b) in Pharmacology

Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Modena

2008-2022

Research technician (section:Neuroscience) (area TECNICA, TECNICO/SCIENTIFICA ED ELABORAZIONE DATI)

Department of Life Sciences, University of Modena and Reggio Emilia

2007-2008

Post-doc Fellow on the project: CHARACTERIZATION OF THE ROLE OF NEUROTROPHIC FACTORS IN MEDIATING STRESS EFFECTS IN THE CHRONIC ESCAPE DEFICIT MODEL OF DEPRESSION; at the Section of Pharmacology, Department of Biomedical Sciences, University of Modena and Reggio Emilia under the supervision of Prof. Nicoletta Brunello (nbrunello@unimore.it).

2004-2007

Doctoral Fellow in Pharmaceutical Sciences, Section of Molecular Pharmacology, University of Modena and Reggio Emilia, Prof. Carlo Parenti (carlo.parenti@unimore.it); Section of Pharmacology, Department of Pharmaceutical Sciences, University of Modena and Reggio Emilia, via Campi 183, Modena.

EDUCATION

2007

Ph.D. in Pharmaceutical Sciences

University of Modena and Reggio Emilia

2002-2003

Specialization in Pharmaceutical Research Methods.

University of Modena and Reggio Emilia

2002

State exam for the profession of Pharmacist

2002

Master in Chemistry and Pharmaceutical Technology (full marks cum laude)

1995

Graduation from High School (full marks)

TEACHING

2022-present

Pharmacology- Master Degree in Dentistry and dental prosthetics - University of Modena and Reggio Emilia, Italy

2022-present General and Molecular Pharmacology and Toxicology Degree Course: BIOTECHNOLOGY-
University of Modena and Reggio Emilia, Italy

2006-present Supervision of research activities of undergraduate, Ph. D. students and
postdoctoral researchers at University of Modena and Reggio Emilia, Italy

PERSONAL SKILLS AND COMPETENCES

Mother tongue	Italian				
Other language (s)	UNDERSTANDING		SPEAKING		WRITING
	Ascolto	Lettura	Interazione	Produzione orale	
English	C1	C1	B2	B2	C1

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
[Quadro Comune Europeo di Riferimento delle Lingue](#)

Organisational skills and competences Collaborations with national and international laboratories
Writing and participating in national research projects
Supervisor of degree theses and co-tutor of doctoral theses
Referee for international journals

RESEARCH INTERESTS

Research in the field of molecular biology and preclinical pharmacology:

- Study of *Lymnaea stagnalis* as a model for translational medicine
- Role of neuroinflammation in the etiopathogenesis of depression and in the effect of antidepressant drugs
- Long-term consequences of neonatal pain in adult animals: effect on gene expression, pain response, and anxious behavior.
- Study of the etiopathogenic mechanisms of migraine in the mouse model of migraine-like photophobic behavior; role of biological sex and age

PUBLICATION TRACK RECORD (June 2026)

Number of publications: 80
Number of citations 1778 (Scopus)
H-index 24

PUBLICATIONS

- 1) Cannazza, G., di Stefano, A., Mosciatti, B., Braghiroli, D., Baraldi, M., Pinnen, F., Sozio, P., **Benatti, C.**, & Parenti, C. (2005). Detection of levodopa, dopamine and its metabolites in rat striatum dialysates following peripheral administration of L-DOPA prodrugs by mean of HPLC-EC. *Journal of Pharmaceutical and Biomedical Analysis*, 36(5), 1079-1084. <https://doi.org/10.1016/j.jpba.2004.09.029>
- 2) Brunello, N., Alboni, S., Capone, G., **Benatti, C.**, Blom, J. M. C., Tascedda, F., Kriwin, P., & Mendlewicz, J. (2006). Acetylsalicylic acid accelerates the antidepressant effect of fluoxetine in the chronic escape deficit model of depression. *International Clinical Psychopharmacology*, 21(4), 219-225. <https://doi.org/10.1097/00004850-200607000-00004>
- 3) Alboni, S., Capone, G., **Benatti, C.**, Tascedda, F., Blom, J. M. C., Mendlewicz, J., & Brunello, N. (2006). P.2.d.012 Behavioural and molecular effects of the combined treatment fluoxetine plus acetylsalicylic acid in a rat model of depression. *European Neuropsychopharmacology*, 16, S339. [https://doi.org/10.1016/S0924-977X\(06\)70383-2](https://doi.org/10.1016/S0924-977X(06)70383-2)
- 4) Alboni, S., Blom, J. M. C., Corsini, D., **Benatti, C.**, Capone, G., Ferraguti, C., Barden, N., Tascedda, F., & Brunello, N. (2006). Effects of acute stress on brain-derived neurotrophic factor in the hippocampus of transgenic mouse model of depression. *European Neuropsychopharmacology*, 16, S33-S34. [https://doi.org/10.1016/S0924-977X\(06\)80042-8](https://doi.org/10.1016/S0924-977X(06)80042-8)
- 5) Capone, G., Alboni, S., & **Benatti, C.** (2006). P.2.a.014 Rapid effect of escitalopram in a behavioural model of depression: the chronic escape deficit. *European Neuropsychopharmacology*, 16, S290. [https://doi.org/10.1016/S0924-977X\(06\)70294-2](https://doi.org/10.1016/S0924-977X(06)70294-2)
- 6) Capone, G., Alboni, S., **Benatti, C.**, Tascedda, F., Blom, J. M. C., Mendlewicz, J., & Brunello, N. (2006). Acetylsalicylic acid accelerates the antidepressant effect of fluoxetine in

a rat model of depression. *European Neuropsychopharmacology*, 16, S61.
[https://doi.org/10.1016/S0924-977X\(06\)80074-X](https://doi.org/10.1016/S0924-977X(06)80074-X)

7) Blom, J. M. C., **Benatti, C.**, Alboni, S., Capone, G., Ferraguti, C., Brunello, N., & Tascedda, F. (2006). Early postnatal chronic inflammation produces long-term changes in pain behavior and N-methyl-D-aspartate receptor subtype gene expression in the central nervous system of adult mice. *Journal of Neuroscience Research*, 84(8), 1789-1798.
<https://doi.org/10.1002/jnr.21077> (# second author)

8) Brunello, N., & **Benatti, C.** (2007). Pharmacology and neurobiology in anxiety disorders and depression. *Facts, News and Views*, 8(2), 12-17. (Italian).

9) Brunello, N., Alboni, S., **Benatti, C.**, Corsini, D., Capone, G., Tascedda, F., & Mendlewicz, J. (2007). S.15.03 Combined effect of antidepressant and anti-inflammatory drugs in an animal model of depression. *European Neuropsychopharmacology*, 17, S198.
[https://doi.org/10.1016/S0924-977X\(07\)70230-4](https://doi.org/10.1016/S0924-977X(07)70230-4)

10) Caggia, F., Valensisi, C., Alboni, S., **Benatti, C.**, Corsini, D., Ferrari, F., Tagliafico, E., Mendlewicz, J., Brunello, N., & Tascedda, F. (2008). Microarray analysis of the chronic escape deficit model of depression: effects of escitalopram treatment in hippocampus. *International Journal of Neuropsychopharmacology*. 11(S1): S124.

11) **Benatti, C.**, Alboni, S., Capone, G., Corsini, D., Caggia, F., Blom, J. M. C., Tascedda, F., & Brunello, N. (2008). P.1.03 Molecular effects of subchronic and chronic treatment with escitalopram in the rat central nervous system. *European Neuropsychopharmacology*, 18, s4-s5. [https://doi.org/10.1016/S0924-977X\(08\)70004-X](https://doi.org/10.1016/S0924-977X(08)70004-X)

12) Caggia, F., Valensisi, C., Alboni, S., **Benatti, C.**, Corsini, D., Ferrari, F., Tagliafico, E., Mendlewicz, J., Tascedda, F., & Brunello, N. (2009). P.2.04 Microarray analysis in hippocampus of rats treated with escitalopram in the chronic escape deficit model of depression. *European Neuropsychopharmacology*, 19, S36-S37.
[https://doi.org/10.1016/S0924-977X\(09\)70042-2](https://doi.org/10.1016/S0924-977X(09)70042-2)

13) Valensisi, C., Caggia, F., Alboni, S., **Benatti, C.**, Ferrari, F., Mendlewicz, J., Blom, J., Brunello, N., & Tascedda, F. (2009). P.1.33 Gene expression profile of the hippocampus of a behavioural model of depression. *European Neuropsychopharmacology*, 19, S29-S29.
[https://doi.org/10.1016/S0924-977X\(09\)70036-7](https://doi.org/10.1016/S0924-977X(09)70036-7)

14) **Benatti, C.**, Alboni, S., Capone, G., Corsini, D., Caggia, F., Brunello, N., Tascedda, F., & Blom, J. M. C. (2009). Early neonatal inflammation affects adult pain reactivity and anxiety related traits in mice: genetic background counts. *International Journal of Developmental Neuroscience*, 27(7) 661-668. <https://doi.org/10.1016/j.ijdevneu.2009.07.009>

15) Alboni, S., **Benatti, C.**, Capone, G., Corsini, D., Caggia, F., Tascedda, F., Mendlewicz, J., & Brunello, N. (2010). Time-dependent effects of escitalopram on brain derived neurotrophic factor (BDNF) and neuroplasticity related targets in the central nervous system of rats. *European Journal of Pharmacology*, 643(2-3), 180-187.
<https://doi.org/10.1016/j.ejphar.2010.06.028> (*first co-author)

16) Alboni, S., Tascedda, F., Corsini, D., **Benatti, C.**, Caggia, F., Capone, G., Barden, N., Blom, J. M. C., & Brunello, N. (2011). Stress induces altered CRE/CREB pathway activity and BDNF expression in the hippocampus of glucocorticoid receptor-impaired mice. *Neuropharmacology*, 60(7-8), 1337-1346.
<https://doi.org/10.1016/j.neuropharm.2011.01.050>

17) Alboni, S., Montanari, C., **Benatti, C.**, Blom, J. M. C., Simone, M. L., Brunello, N., Caggia, F., Guidotti, G., Marcondes, M. C. G., Sanchez-Alavez, M., Conti, B., & Tascedda, F. (2011). Constitutive and LPS-regulated expression of interleukin-18 receptor beta variants in the mouse brain. *Brain, Behavior, and Immunity*, 25(3), 483-493.
<https://doi.org/10.1016/j.bbi.2010.11.011>

18) **Benatti, C.**, Alboni, S., Montanari, C., Caggia, F., Tascedda, F., Brunello, N., & Blom, J. M. C. (2011). Central effects of a local inflammation in three commonly used mouse strains with a different anxious phenotype. *Behavioural Brain Research*, 224(1), 23-34.
<https://doi.org/10.1016/j.bbr.2011.05.011>

19) Alboni, S., **Benatti, C.**, Montanari, C., Tascedda, F., Pariante, C. M., & Brunello, N. (2012). P.2.b.002 Interferon-alpha exposure increases the expression of enzymes of the kynurenine pathway and induces apoptosis in a model of human neurons. *European Neuropsychopharmacology*, 22, S242. [https://doi.org/10.1016/S0924-977X\(12\)70360-7](https://doi.org/10.1016/S0924-977X(12)70360-7)

20) **Benatti, C.**, Valensisi, C., Blom, J. M., Alboni, S., Montanari, C., Ferrari, F., Tagliafico, E., Mendlewicz, J., Brunello, N., & Tascedda, F. (2012). Transcriptional profiles underlying vulnerability and resilience in rats exposed to an acute unavoidable stress. *Journal of Neuroscience Research*, 90(11), 2103-2115. <https://doi.org/10.1002/jnr.23100>

21) Alboni, S., Gibellini, L., Montanari, C., **Benatti, C.**, Benatti, S., Tascedda, F., Brunello, N., Cossarizza, A., & Pariante, C. M. (2013). N-acetyl-cysteine prevents toxic

- oxidative effects induced by IFN- α in human neurons. *International Journal of Neuropsychopharmacology*, 16(8),1849-1865. <https://doi.org/10.1017/S1461145713000266>
- 22) Alboni, S., **Benatti, C.***, Montanari, C., Tascedda, F., & Brunello, N. (2013). Chronic antidepressant treatments resulted in altered expression of genes involved in inflammation in the rat hypothalamus. *European Journal of Pharmacology*, 721(1–3), 158-167. <https://doi.org/10.1016/j.ejphar.2013.08.046> (*first co-author & corresponding author)
- 23) Alboni, S., **Benatti, C.**, Montanari, C., Benatti, S., Iarini, M., Tascedda, F., Cannazza, G., Pariante, C.M., & Brunello, N. (2013). Interferon alpha exposure increases the expression of the enzymes belonging to the kynurenine pathway in an in vitro model of human neurons: SH-SY5Y cells. *Neuroimmune Pharmacology*, 8 (5).
- 24) Alboni, S., Montanari, C., **Benatti, C.**, Sanchez-Alavez, M., Rigillo, G., Blom, J. M. C., Brunello, N., Conti, B., Pariante, M. C., & Tascedda, F. (2014). Interleukin 18 activates MAPKs and STAT3 but not NF- κ B in hippocampal HT-22 cells. *Brain, Behavior, and Immunity*, 40, 85-94. <https://doi.org/10.1016/j.bbi.2014.02.015>
- 25) **Benatti, C.**, Alboni, S., Blom, J. M. C., Gandolfi, F., Mendlewicz, J., Brunello, N., & Tascedda, F. (2014). Behavioural and transcriptional effects of escitalopram in the chronic escape deficit model of depression. *Behavioural Brain Research*, 272, 121-130. <https://doi.org/10.1016/j.bbr.2014.06.040>
- 26) Nasi, M., Alboni, S., Pinti, M., Tascedda, F., **Benatti, C.**, Benatti, S., Gibellini, L., de Biasi, S., Borghi, V., Brunello, N., Mussini, C., & Cossarizza, A. (2014). Successful treatment of HIV-1 infection increases the expression of a novel, short transcript for IL-18 receptor α chain. *Journal of Acquired Immune Deficiency Syndromes*, 67(3), 254-257. <https://doi.org/10.1097/QAI.0000000000000313>
- 27) Alboni, S., **Benatti, C.**, Tascedda, F., & Brunello, N. (2015). P.2.a.012 Co-administration of fluoxetine with acetylsalicylic acid, but not flurbiprofen or celecoxib, for one week shows an antidepressant-like effect. *European Neuropsychopharmacology*, 25, S381–S382. [https://doi.org/10.1016/S0924-977X\(15\)30496-X](https://doi.org/10.1016/S0924-977X(15)30496-X)
- 28) **Benatti, C.**, M.C. Blom, J., Rigillo, G., Alboni, S., Zizzi, F., Torta, R., Brunello, N., & Tascedda, F. (2016). Disease-Induced Neuroinflammation and Depression. *CNS & Neurological Disorders - Drug Targets*, 15(4), 414-433. <https://doi.org/10.2174/1871527315666160321104749>
- 29) Francesconi, W., Sánchez-Alavez, M., Berton, F., Alboni, S., **Benatti, C.**, Mori, S., Nguyen, W., Zorrilla, E., Moroncini, G., Tascedda, F., & Conti, B. (2016). The proinflammatory cytokine interleukin 18 regulates feeding by acting on the bed nucleus of the stria terminalis. *Journal of Neuroscience*, 36(18),5170-5180. <https://doi.org/10.1523/JNEUROSCI.3919-15.2016>
- 30) Caraci, F., Tascedda, F., Merlo, S., **Benatti, C.**, Spampinato, S. F., Munafò, A., Leggio, G. M., Nicoletti, F., Brunello, N., Drago, F., Sortino, M. A., & Copani, A. (2016). Fluoxetine prevents A β <inf>1-42</inf>-induced toxicity via a paracrine signaling mediated by transforming-growth-factor- β 1. *Frontiers in Pharmacology*, 7(OCT), 389. <https://doi.org/10.3389/fphar.2016.00389>
- 31) Alboni, S., Micioni Di Bonaventura, M. V., **Benatti, C.**, Giusepponi, M. E., Brunello, N., & Cifani, C. (2017). Hypothalamic expression of inflammatory mediators in an animal model of binge eating. *Behavioural Brain Research*, 320, 420-430. <https://doi.org/10.1016/j.bbr.2016.10.044>
- 32) **Benatti, C.**, Colliva, C., Blom, J. M. C., Ottaviani, E., & Tascedda, F. (2017). Transcriptional effect of serotonin in the ganglia of *Lymnaea stagnalis*. *Invertebrate Survival Journal*, 14(1), 251-258. <https://doi.org/10.25431/1824-307X/ISJ.V14I1.251-258>
- 33) **Benatti, C.**, Alboni, S., Blom, J. M. C., Mendlewicz, J., Tascedda, F., & Brunello, N. (2018). Molecular changes associated with escitalopram response in a stress-based model of depression. *Psychoneuroendocrinology*, 87, 74-82. <https://doi.org/10.1016/j.psyneuen.2017.10.011> (corresponding author)
- 34) Alboni, S., **Benatti, C.***, Capone, G., Tascedda, F., & Brunello, N. (2018). Neither all anti-inflammatory drugs nor all doses are effective in accelerating the antidepressant-like effect of fluoxetine in an animal model of depression. *Journal of Affective Disorders*, 235, 124-128. <https://doi.org/10.1016/j.jad.2018.04.063> (*first co-author)
- 35) Rigillo, G., Vilella, A., **Benatti, C.#**, Schaeffer, L., Brunello, N., Blom, J. M. C., Zoli, M., & Tascedda, F. (2018). LPS-induced histone H3 phospho(Ser10)-acetylation(Lys14) regulates neuronal and microglial neuroinflammatory response. *Brain, Behavior, and Immunity*, 74, 277-290 <https://doi.org/10.1016/j.bbi.2018.09.019> (# second author)
- 36) Colliva, C., Ferrari, M., **Benatti, C.**, Guerra, A., Tascedda, F., & Blom, J. M. C. (2019). Executive functioning in children with epilepsy: Genes matter. *Epilepsy and Behavior*, 95, 137-147. <https://doi.org/10.1016/j.yebeh.2019.02.019>

- 37) **Benatti, C.**, Radighieri, G., Alboni, S., Blom, J. M. C., Brunello, N., & Tascetta, F. (2019). Modulation of neuroplasticity-related targets following stress-induced acute escape deficit. *Behavioural Brain Research*, 364, 140-148. <https://doi.org/10.1016/j.bbr.2019.02.023>
- 38) Radighieri, G., **Benatti, C.**, Zoli, M., Blom, J. M. C., Brunello, N., & Tascetta, F. (2019). P.1.04 Expression of histone variants H3.3 and H2a.z in the rat brain: Physiopathological and pharmacological implications. *European Neuropsychopharmacology*, 29, S635. <https://doi.org/10.1016/J.EURONEURO.2019.01.007>
- 39) Caruso, G., **Benatti, C.**, Blom, J. M. C., Caraci, F., & Tascetta, F. (2019). The many faces of mitochondrial dysfunction in depression: From pathology to treatment. *Frontiers in Pharmacology*, 10(SEP), 995. <https://doi.org/10.3389/fphar.2019.00995> (# second author)
- 40) **Benatti, C.**, Rivi, V., Colliva, C., Radighieri, G., Tascetta, F., & Blom, J. M. C. (2020). Redefining operant conditioning of escape behaviour in *Lymnaea stagnalis*. *Invertebrate Survival Journal*, 17(1), 129-137. <https://doi.org/10.25431/1824-307X/ISJ.V010.129-137>
- 41) Rivi, V., **Benatti, C.**, Colliva, C., Radighieri, G., Brunello, N., Tascetta, F., & Blom, J. M. C. (2020). *Lymnaea stagnalis* as model for translational neuroscience research: From pond to bench. *Neuroscience and Biobehavioral Reviews*, 108, 602-616. <https://doi.org/10.1016/j.neubiorev.2019.11.020> (# second author)
- 42) Colliva, C., Cellini, M., Porta, F. D., Ferrari, M., Bergamini, B. M., Guerra, A., di Giuseppe, S., Pinto, A., Capasso, R., Caprino, D., Ferrari, M., **Benatti, C.**, Tascetta, F., & Blom, J. M. C. (2020). Psychosocial assessment of families caring for a child with acute lymphoblastic leukemia, epilepsy or asthma: Psychosocial risk as network of interacting symptoms. *PLoS ONE*, 15(3), e0230194. <https://doi.org/10.1371/journal.pone.0230194>
- 43) Colliva, C., Porta, M. F. D., Ferrari, M., **Benatti, C.**, Cellini, M., Brunello, N., & Blom, J. M. C. (2020). P.304 Executive functioning and genetic variation in pediatric patients with cancer. *European Neuropsychopharmacology*, 31, S48-S49. <https://doi.org/10.1016/J.EURONEURO.2019.12.067>
- 44) Cifani, C., Alboni, S., Mucci, A., **Benatti, C.**, Botticelli, L., Brunello, N., Micioni Di Bonaventura, M. V., & Righi, V. (2021). Serum metabolic signature of binge-like palatable food consumption in female rats by nuclear magnetic resonance spectroscopy. *NMR in Biomedicine*, 34(4), e4469. <https://doi.org/10.1002/nbm.4469>
- 45) Alboni, S., **Benatti, C.**, Colliva, C., Radighieri, G., Blom, J. M. C., Brunello, N., & Tascetta, F. (2020). Vortioxetine Prevents Lipopolysaccharide-Induced Memory Impairment Without Inhibiting the Initial Inflammatory Cascade. *Frontiers in Pharmacology*, 11, 603979. <https://doi.org/10.3389/fphar.2020.603979> (*first co-author)
- 46) Rivi, V., **Benatti, C.**, Lukowiak, K., Colliva, C., Alboni, S., Tascetta, F., & Blom, J. M. C. (2021). What can we teach *Lymnaea* and what can *Lymnaea* teach us? *Biological Reviews of the Cambridge Philosophical Society*, 96(4), 1590-1602. <https://doi.org/10.1111/brv.12716> (*first co-author)
- 47) Caruso, G., **Benatti, C.**, Musso, N., Fresta, C. G., Fidilio, A., Spampinato, G., Brunello, N., Bucolo, C., Drago, F., Lunte, S. M., Peterson, B. R., Tascetta, F., & Caraci, F. (2021). Carnosine Protects Macrophages against the Toxicity of Aβ1-42 Oligomers by Decreasing Oxidative Stress. *Biomedicine*, 9(5), 477. <https://doi.org/10.3390/biomedicine9050477> (*first co-author)
- 48) Batabyal, A., Rivi, V., **Benatti, C.**, Blom, J. M. C., & Lukowiak, K. (2021). Long-term memory of configural learning is enhanced via CREB upregulation by the flavonoid quercetin in *Lymnaea stagnalis*. *Journal of Experimental Biology*, 224(13), jeb.242761. <https://doi.org/10.1242/jeb.242761> (# second author)
- 49) Rivi, V., Batabyal, A., Juego, K., Kakadiya, M., **Benatti, C.**, Blom, J. M. C., & Lukowiak, K. (2021). To eat or not to eat: a Garcia effect in pond snails (*Lymnaea stagnalis*). *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology*, 207(4), 479-495. <https://doi.org/10.1007/s00359-021-01491-5>
- 50) Blom, J. M. C., Colliva, C., **Benatti, C.**, Tascetta, F., & Pani, L. (2021). Digital Phenotyping and Dynamic Monitoring of Adolescents Treated for Cancer to Guide Intervention: Embracing a New Era. *Frontiers in Oncology*, 11, 673581. <https://doi.org/10.3389/fonc.2021.673581>
- 51) Rivi, V., Batabyal, A., **Benatti, C.**, Blom, J. M., Tascetta, F., & Lukowiak, K. (2021). A flavonoid, quercetin, is capable of enhancing long-term memory formation if encountered at different times in the learning, memory formation, and memory recall continuum. *Journal of Comparative Physiology. A, Neuroethology, Sensory, Neural, and Behavioral Physiology*. <https://doi.org/10.1007/s00359-021-01522-1>
- 52) Rivi, V., Batabyal, A., **Benatti, C.**, Blom, J. M., & Lukowiak, K. (2022). Nature versus nurture in heat stress induced learning between inbred and outbred populations of *Lymnaea*

- stagnalis. *Journal of Thermal Biology*, 103, 103170. <https://doi.org/10.1016/j.jtherbio.2021.103170>
- 53) Borgonetti, V., **Benatti, C.**, Governa, P., Isoldi, G., Pellati, F., Alboni, S., Tascetta, F., Montopoli, M., Galeotti, N., Manetti, F., Miraldi, E., Biagi, M., & Rigillo, G. (2022). Non-psychotropic Cannabis sativa L. phytocomplex modulates microglial inflammatory response through CB2 receptors-, endocannabinoids-, and NF-κB-mediated signaling. *Phytotherapy Research*. <https://doi.org/10.1002/PTR.7458> (# second author)
- 54) Blom, J. M. C., & **Benatti, C.** (2022) Comprehensive pain management using opioids for children, and adolescents: still a wild goose to chase? *Children*, 9, 347. <https://doi.org/10.3390/children9030347>
- 55) Ciani, M., Toscano, Y., **Benatti, C.**, Blom, J. M. C., Tascetta, F., Alboni, S., & Brunello, N. (2022). Deciphering the central immunomodulatory effects of a vortioxetine pretreatment on the LPS-induced inflammatory cascade. *Neuroscience Applied*, 1, 100008. <https://doi.org/10.1016/J.NSA.2022.100008>
- 56) Rivi, V., Batabyal, A., **Benatti, C.**, Tascetta, F., Blom, J. M., & Lukowiak, K. (2022). Too Hot to Eat: Wild and Lab-Bred *Lymnaea stagnalis* Differ in Feeding Response Following Repeated Heat Exposure. *The Biological Bulletin*. <https://doi.org/10.1086/720948> (# second author)
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- **Benatti C.**, Infiammazione e sindrome di Down: potenziale ruolo della citochina IL18; VIII Convegno Scientifico Nazionale, Sindrome di Down dalla ricerca alla terapia, 18-19 ottobre 2024, Napoli
- **Benatti C.**, Gender modulates the long-term sequelae of adolescent neuroinflammation. 41° Congresso Nazionale della Società Italiana di Farmacologia; Roma, 16-19 novembre 2022.

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Awards Winner ECNP Travel Awards 2005 at the 18th ECNP Congress 2005 - Amsterdam, The Netherlands presenting the poster: C. Benatti, S. Alboni, C. Ferraguti, F. Tascedda, J.M.C. Blom, N. Brunello NEONATAL PERSISTENT INFLAMMATION ALTERS PAIN RESPONSE AND NMDA RECEPTOR EXPRESSION IN ADULT MICE. 18th ECNP Congress, Amsterdam, October 22-26, 2005.
Winner "Jorge Perez" Awards 2008 at XVI Congress of the Italian Society of Neuropsychopharmacology (SINPF) presenting the poster: Benatti C., Alboni S., Capone G., Corsini D., Caggia F., Tascedda F., Brunello N. EFFETTI MOLECOLARI DI UN TRATTAMENTO CRONICO E SUBCRONICO CON ESCITALOPRAM NEL SISTEMA NERVOSO CENTRALE DI RATTO. XVI Congresso Della Società Italiana Di Neuropsicofarmacologia; Milano, 24-26 giugno, 2008.

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