

PERSONAL INFORMATION **Maria Elena Giusepponi**

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Sex Female | Date of birth 11/04/1989 | Nationality Italian

WORK EXPERIENCE

01/01/2017–30/09/2017 **Visiting PhD Student**  
University of Leipzig, Leipzig (Germany)

01/12/2014–30/11/2017 **PhD Student in Chemical and Pharmaceutical Sciences and Biotechnology**  
University of Camerino, Camerino (MC) (Italy)

PERSONAL SKILLS

**Publications**

Cifani C, Micioni Di Bonaventura MV, Pucci M, Giusepponi ME, Romano A, Di Francesco A, Maccarrone M, D'Addario C. Regulation of hypothalamic neuropeptides gene expression in diet induced obesity resistant rats: possible targets for obesity prediction? **Frontiers in Neuroscience**. 2015, 9:187 doi: 10.3389/fnins.2015.00187.

Pucci M, Micioni Di Bonaventura MV, Giusepponi ME, Romano A, Filaferro M, Maccarrone M, Ciccocioppo R, Cifani C, D'Addario C. Epigenetic regulation of nociceptin/orphanin FQ and corticotropin-releasing factor system genes in frustration stress-induced binge-like palatable food consumption. 2015 **Addiction Biology**, vol. 21, p. 1168-1185, ISSN: 1355-6215, doi: 10.1111/adb.12303

Giusepponi ME, Cifani C, Micioni Di Bonaventura MV, Mattioli L, Hudson A, Diamanti E, Del Bello F, Giannella M, Mammoli V, Paoletti CD, Piergentili A, Pignini M, Quaglia W. Combined Interactions with I1-, I2-Imidazoline Binding Sites and  $\alpha$ 2-Adrenoceptors To Manage Opioid Addiction. **ACS Medicinal Chemistry Letters**, vol. 7, p. 956-961, ISSN: 1948-5875, doi: 10.1021/acsmchemlett.6b00290

Alboni S, Micioni Di Bonaventura MV, Benatti C, Giusepponi ME, Brunello N, Cifani C. Hypothalamic expression of inflammatory mediators in an animal model of binge. 2017. **Behavioural Brain Research**, vol. 320, p. 420-430, ISSN: 0166-4328, doi: 10.1016/j.bbr.2016.10.044

Micioni Di Bonaventura MV, Ubaldi M, Giusepponi ME, Rice KC, Massi M, Ciccocioppo R, Cifani C. Extra-hypothalamic CRF-1 receptor mechanisms in a model of binge eating in female rats. 2017. **International Journal of Eating Disorder**, vol. 50, p. 1194-1204-1204, ISSN: 0276-3478, doi: 10.1002/eat.22767

Micioni Di Bonaventura MV, Pucci M, Romano A, Giusepponi ME, Lambertucci C, Volpini R, Bossert JM, Maccarrone M, D'Addario C, Cifani C. Regulation of adenosine A<sub>2A</sub> receptor gene expression in a model of binge eating in the amygdala complex of female rats. **Neuropsychopharmacology**. Under major revision.

Presentations/Posters

ME Giusepponi, MV Micioni Di B, M Ubaldi, KC Rice, JM Bossert, A Romano, S Gaetani, R Ciccocioppo, M Massi, Y Shaham, C Cifani. Role of BNST CRF receptors in binge-like palatable food consumption in female rats. **17th Seminar of PhD Students and Research Fellows of the Italian Society of Pharmacology, Rimini, September 16-18 2014.**

MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, A Romano, C Lambertucci, R Volpini, M Maccarrone, C D'Addario, C Cifani. Effect of adenosine A2A receptor ligands on binge eating episodes in female rats. **17th Seminar of PhD Students and Research Fellows of the Italian Society of Pharmacology, Rimini, September 16-18 2014.**

MV Micioni Di Bonaventura, M Ubaldi, JB Bossert, RM St. Laurent, ME Giusepponi, A Romano, S Gaetani, R Ciccocioppo, Y Shaham, C Cifani. Role of CRF receptors in compulsive food consumption in a model of binge eating in female rats. **9th FENS Forum, Milan, July 5-9 2014.** Abstract book: Abstract n. FENS-2691.

MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, C Lambertucci, R Volpini, C Maccarrone, C D'Addario, C Cifani (2014). Epigenetic regulation of adenosine A2A and dopamine D2 receptor gene transcription on compulsive food consumption. In: 27th European College of Neuropsychopharmacology (ECNP). **Amsterdam, 18-21 Ottobre 2014. EUROPEAN NEUROPSYCHOPHARMACOLOGY**, vol. 24, p. 170, ISSN: 0924-977X.

C Cifani, MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, C Lambertucci, R Volpini, A Romano, S Gaetani, M Massi, M Maccarrone, C D'Addario (2014). Epigenetic regulation of A2A gene transcription in a model of binge eating in the amygdala complex of female rats. In: Abstract Book. p. 224, **MILANO:SINPF, Torino, 3-6 Giugno 2014.**

C Cifani, MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, R Ciccocioppo, M Maccarrone, V Cuomo, S Gaetani, C D'Addario (2014). Different regulation of prodynorphin and pronociceptin genes expression in resistance to diet-induced obesity. In: Abstract Book. p. 1, **Milano:FENS, Milano, 5-9 Luglio 2014.**

Giusepponi ME, Micioni Di Bonaventura MV, Pucci M, Romano A, Maccarrone M, Ciccocioppo R, D'Addario C, Cifani C (2015). Epigenetic regulation of nociceptin/orphanin FQ and corticotropin-releasing factor system genes in frustration stress-induced binge-like palatable food consumption. In: Abstract Book. p. 32, Verona:**EBPS, Verona, 12-15 Settembre 2015**

MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, C Lambertucci, R Volpini, M Maccarrone, C D'Addario, C Cifani. Epigenetic regulation of adenosine A2A and dopamine D2 receptor gene transcription on compulsive food consumption. **EBPS Biennial Meeting Joint EBPS-EBBS Meeting, Verona, September 12-15 2015.**

C Cifani, MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, A Romano, A Di Francesco, M Maccarrone, C D'Addario. Regulation of hypothalamic neuropeptides gene expression in diet induced obesity resistant rats: possible targets for obesity prediction? **EBPS Biennial Meeting Joint EBPS-EBBS Meeting, Verona, September 12-15 2015.**

ME Giusepponi, MV Micioni Di Bonaventura, M Pucci, A Romano, M Maccarrone, R Ciccocioppo, C D'Addario, C Cifani. Epigenetic regulation of nociceptin/orphanin FQ and corticotropin-releasing factor system genes in frustration stress-induced binge-like palatable food consumption. **37th National Congress of the Italian Society of Pharmacology, Naples, October 27-30 2015.**

C Cifani, MV Micioni Di Bonaventura, ME Giusepponi, M Pucci, A Romano, A Di Francesco, M Maccarrone, C D'Addario (2015). Estradiol-dependent decreases in emotional binge-like eating are associated with decreased brain pERK expression in ovariectomized rats.. In: Abstract Book. p. 397, Milano: **37th National Congress of the Italian Society of Pharmacology, Naples, October 27-30 2015.**

C Cifani, MV Micioni di Bonaventura, ME Giusepponi, M Pucci, A Romano, A. Di Francesco, M Maccarrone, C D'Addario. Regulation of hypothalamic neuropeptides gene expression in diet induced obesity resistant rats: possible targets for obesity prediction? **37th National Congress of the Italian Society of Pharmacology, Naples, October 27-30 2015.**

MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, C Lambertucci, R Volpini, M Maccarrone, C D'Addario, C Cifani. Epigenetic regulation of adenosine A2A and dopamine D2 receptor gene transcription on compulsive food consumption. **37th National Congress of the Italian Society of Pharmacology, Naples, October 27-30 2015.**

MV Micioni Di Bonaventura, M Pucci, A Romano, M Maccarrone, R Ciccocioppo, C Cifani, C D'Addario (2015). Epigenetic regulation of nociceptin/orphanin FQ and corticotropin-releasing factor system genes in frustration stress-induced binge-like palatable food consumption. In: Abstracts of the 28th ECNP Congress. **EUROPEAN NEUROPSYCHOPHARMACOLOGY, vol. 25, p. 627-628, ISSN: 0924-977X, Amsterdam, 29 Agosto-1 Settembre 2015**

C D'Addario, MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, A Di Francesco, M Maccarrone, C Cifani (2015). Epigenetic regulation of hypothalamic neuropeptides gene expression in diet induced obesity resistant rats. In: The 2015 Obesity Summit. p. 16-17, **Barnet: Euroscicon Ltd UK, London (UK), 14-15 Aprile 2015**

MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, C Lambertucci, R Volpini, M Maccarrone, C D'addario, C Cifani (2015). Epigenetic regulation of adenosine A2A and dopamine D2 receptor gene transcription on compulsive food consumption.. In: Proceedings. p. 94-95, **Rio de Janeiro:IBRO, Rio de Janeiro (Brazil), 7-11 Luglio 2015**

C Cifani, MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, A Romano, M Maccarrone, R Ciccocioppo, C D'addario (2015). Epigenetic regulation of Nociceptin/Orphanin FQ and corticotropin-releasing factor system genes in frustration stress-induced binge-like palatable food consumption. In: Proceedings. p. 1044, **Rio de Janeiro:IBRO, Rio de Janeiro (Brazil), 7-11 Luglio 2015**

ME Giusepponi, MV Micioni Di Bonaventura, A. Romano, Gaetani S, C. Cifani (2015). Effect of oleoylethanolamide in an animal model of binge eating and in a model of reinstatement of high-fat food seeking.. In: Abstract Book. p. 694, **Milano:SIF, Napoli, 27-30 ottobre 2015**

MV Micioni Di Bonaventura, S Alboni, C Benatti, ME Giusepponi, N. Brunello, C. Cifani (2016). Transcriptional effects on hypothalamic inflammatory mediators in an animal model of binge eating.. In: 2016 Neuroscience Meeting Planner. p. 1170-1171, Washington:**Society for Neuroscience, San Diego (USA), 12-16 Novembre 2016**

ME Giusepponi, C Cifani, MV Micioni Di Bonaventura, F Del Bello, M Giannella, A Piergentili, W Quaglia. Novel imidazoline molecules inspired by the pharmacological profile of agmatine as potential tools in managing opioid addiction. **33th Camerino-Cyprus Symposium, Camerino, May 15-19 2016.**

Tomassoni D, Micioni di Bonaventura MV, Fruganti A, Dini F, Marchegiani A, Moruzzi M, Giusepponi ME, Turchetti L, Marini C, Gabrielli MG, Polidori C, Tayebati SK, Amenta F, Cifani C. (2016). Obesity-related nervous system injury: preliminary evidences in diet induced obesity (DIO) rats.. In: 70° Congresso della Società Italiana di Anatomia e Istologia. **ITALIAN JOURNAL OF ANATOMY AND EMBRYOLOGY, p. 190, ISSN: 1122-6714, Roma, 15-17 settembre 2016**

C Cifani, MV Micioni Di Bonaventura, M Pucci, ME Giusepponi, C Lambertucci, R Volpini, M Maccarrone, C D'Addario (2016). Epigenetic regulation of Adenosine A2A receptor gene transcription on compulsive food consumption. In: Proceedings 10th FENS Forum of Neuroscience. p. 96, Copenhagen:**FENS, Copenhagen, 2-6 Luglio 2016**

MV Micioni Di Bonaventura, M Ubaldi, ME Giusepponi, KC Rice, M Massi, R Ciccocioppo, C Cifani (2016). EXTRA-HYPOTHALAMIC CRF-1 RECEPTOR MECHANISMS IN A MODEL OF BINGE-LIKE PALATABLE FOOD CONSUMPTION IN FEMALE RATS. In: Abstract Book. p. 20, Glenview:EDRS, **New York, 27-29 Ottobre 2016**

Giusepponi ME, Kern M, Micioni Di Bonaventura MV, Polidori C, D'Addario C, Schon M, Dietrich A, Bluher M, Kloting N, Cifani C. (2017). Olfactory receptor 984 a new target for obesity in rats and humans?. In: Abstract Book. p. 74, Milano:**SIF, Rimini, 25-28 Ottobre 2017**

M Moruzzi, I Martinelli, MV Micioni Di Bonaventura, ME Giusepponi, MG Gabrielli, A Fruganti, A Marchegiani, F Dini, C Marini, M Cuccioloni, M Mozzicafreddo, C Polidori, C Cifani, G Lupidi, F Amenta, SK Tayebati, D Tomassoni (2017). Metabolic effects of tart Cherries Supplementation in an animal model of obesity. In: 71th Meeting of Italian Society of Anatomy ad Histology. **ITALIAN JOURNAL OF ANATOMY AND EMBRYOLOGY**, vol. 122, p. 150, ISSN: 1122-6714, Taormina, 20-22 Settembre 2018

CA Gallelli, A Romano, JB Koczwara, MV Micioni Di Bonaventura, Giusepponi ME, T Cassano, C Cifani, S Gaetani (2017). Effects of oleoylethanolamide on mesolimbic dopaminergic transmission in an animal model of binge eating. In: Abstract Book. p. 182, Atene:**EBPS, Creta (Grecia), 29 Agosto-1 Settembre 2015**

MV Micioni Di Bonaventura, M Moruzzi, I Martinelli, ME Giusepponi, G Gabrielli, A Fruganti, A Marchegiani, F Dini, C Marini, M Cuccioloni, M Mozzicafreddo, C Polidori, F Amenta, C Cifani, G Lupidi, SK Tayebati, D Tomassoni (2017). Effects of Tart Cherry supplementation in Diet-Induced Obesity (DIO) rats.. In: **Alimenti e Nutraceutici: qualità e salute del consumatore**. p. 60-61, CAMERINO:UNICAM, ISBN: 978-88-6768-028-3, Camerino, 4 luglio 2017

## Curriculum vitae

MV Micioni Di Bonaventura, M Ubaldi, ME Giusepponi, KC Rice, M Massi, R Ciccocioppo, C Cifani (2017). EXTRA-HYPOTHALAMIC CRF-1 RECEPTOR MECHANISMS IN FRUSTRATION STRESS-INDUCED BINGE-LIKE PALATABLE FOOD CONSUMPTION IN FEMALE RATS. In: **Alcoholism and Stress: A Framework for Future Treatment Strategies**. **ALCOHOL**, vol. 60, p. 239, ISSN: 0741-8329, Volterra, 9-12 Maggio 2017

I Martinelli, SK Tayebati, M Moruzzi, MV Micioni di Bonaventura, C Amantini, ME Giusepponi, C Polidori, C Cifani, F Amenta, D Tomassoni (2017). A multidisciplinary approach to study the brain injury in Diet-Induced (DIO) rats. In: **71th Metting of the Italian Society of Anatomy and Embriology**. **ITALIAN JOURNAL OF ANATOMY AND EMBRYOLOGY**, p. 138, ISSN: 1122-6714, Taormina, 20-22 settembre 2017

Honours and awards    **Best Poster Presentation award in 37th National Congress of Pharmacology.**

