

Cinzia Cecchetto, PhD

Contact

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Current position

Postdoctoral Researcher - 11/2019 at present
Department of General Psychology, University of Padua, Italy

Experience

Postdoctoral Researcher - 05/2017 to 07/2019
Section Neuropsychology/Neuroimaging, Department of Psychology,
Karl-Franzens-Universität Graz, Graz, Austria

International Visiting student – 06/2014 to 12/2014
Monell Chemical Senses Center (Philadelphia, PA)
Working with Valentina Parma, PhD and Prof. Johan Lundström in the
Cognitive Neuroscience Laboratory

Junior research manager – 02/2012 to 09/2012
Department of Neurology, Ospedale Santa Maria della Misericordia,
Udine (Italy)

International Visiting student – 03/2011 to 05/2011
Erasmus Placement Fellowship
Neuroscience Center, University of Helsinki (Finland)
Working with J. Matias Palva, PhD

Education

PhD in Cognitive Neuroscience (magna cum lauda) – 11/2012 to 01/2017
International School of Advanced Studies (SISSA, Trieste, Italy)
Thesis “Contribution of perceptual and emotional skills to moral decision-
making”, advisor Prof. Raffaella Ida Rumiati, Neuroscience and Society Lab

MA, Neuroscience (110/110) – 10/2009 to 10/2011
University of Trieste, Italy

BA, Biological Science – 10/2006 to 10/2009
University of Trieste, Italy

Teaching

Academic year 2022-2023: Lecturer of “**PSICOBIOLOGIA E PSICOFISIOLOGIA FISIOLÓGICA – 9 cfu M-PSI/02**”. Bachelor program in Psychology at the University of Roma Tor vergata (Italy) – 72 hours (9 CFU).

Academic years 2020-2023: Lecturer of “**PS Biological Psychology: Olfactory perception in the healthy and diseased brain**” 160.625 (22S). Bachelor program in Psychology at the University of Klagenfurt (Austria) – 30 hours.

Academic years 2019-2022: Teaching Assistant (“Cultore della Materia”) “**Psicopatologia sperimentale e clinica – Experimental and clinical psychopathology**” PSP3049859 held by Prof. Claudio Gentili at the University of Padova

Academic years 2017-2019: Lecturer of “**Special chapters in neuropsychology: olfactory cognition**” 602.011. Bachelor program in Psychology at the University of Graz (Austria) – 30 hours.

Students’ supervision

Academic years 2019-2022: Co-advisor of master students (Andrea Castellani, Giorgia Pirrone, Ilaria Bresolin, Ludovica Natali, Nicole Andreini, Magda Bettio, Irene Mackowski, Denisi Cortese, Laura Ceccarelli, Sofia Pezzetti, Giada Marciano) at the University of Padova.

Academic years 2017-2019: Co-advisor of master student (Christoph Gufler, Sarah Gorkiewicz) at the University of Graz (Austria).

Academic year 2015-2016: Co-advisor of bachelor student (Elisa Maria Lancini) at SISSA, Trieste, Italy.

Academic prizes/recognitions

06/2022 - Award of the Italian Scientific Qualification (“**Abilitazione Scientifica Nazionale**”) as Associate Professor in 11/E1, Psicologia Generale, Psicobiologia e Psicometria

02/2019 - “Polak Postdoctoral Travel Award” to participate to the XLI AChemS Annual Meeting

05/2018 - “International Communication” travel grant of the Austrian Research Association “Österreichische Forschungsgemeinschaft”

04/2016 - AChemS Student Travel Award to participate to the XXXVIII AChemS Annual Meeting

11/2012 - Ph.D. Scholarship, SISSA, Trieste, Italy (4 years)

02/2012 - Predoctoral Fellowship, Department of Neurology, Ospedale Santa Maria della Misericordia, Udine, Italy (8 months)

Research support

July, 2021 - *Postdoctoral fellowship from MIUR (Dipartimenti di Eccellenza DM 11/05/2017 n. 262)* – “Alexithymia and Social chemosignals: using social odors to facilitate emotional processing in alexithymic individuals” (€44K, 2 years)

October, 2019 - *Postdoctoral fellowship from MIUR (Dipartimenti di Eccellenza DM 11/05/2017 n. 262)* – “The role of the female hormonal status on processing of social olfactory stimuli” (€44K, 2 years)

December 2017 - Grant from the Naturwissenschaftlichen Fakultät (University of Graz), Role: Senior Investigator; Principal Investigator: Sarah Gorkiewicz “The role of social odor context cues in cognitive processing” (2700 euro)

Scientific services

Reviewer activities

Journal reviewer: Chemical Senses, PLOS one, Perception, i-Perception, Frontiers Psychology, Frontiers Psychiatry, Science Advances, Autism Research, Emotion, Cogent Psychology, Cerebral Cortex, Brain Science, International Journal of Psychology

Guest Associate Editor for Frontiers in Systems Neuroscience for the Research Topic “*The Functional Connectome of Chemosensory Perception*”

Conference contributions

03/09/2022 – **Organizer and chair** of the Symposium “*Perturbing Chemosensation*” ECRO 2022 Annual Meeting, Sep 1st -3rd 2022, Berlin, Germany

20/07/2022 – **Co-Organizer and chair** of the Symposium “*Social connection & the nose: How human chemosignals contribute to wellbeing*” ESCAN 2022 Annual Meeting, July 19th -22nd 2022, Vienna, Austria

16/09/2021 – **Co-Organizer and chair** of the Symposium “*Can Chemosensory Perception be Represented in a Single Connectome?*” ECRO XXXI Annual Meeting, September 13-16, 2021, Cascais (Lisbon), Portugal

Scientific talks

18/01/2023 - *Human chemosignals and affective disorders: how individuals with depressive and social anxiety symptoms perceive social olfactory cues*, Invited by Prof. Lorenzo Stafford, Department of Psychology, University of Portsmouth, UK

17/09/2021 - *Olfactory meta-cognition in anxiety and depression: the different role of common and social odors*, AIP Lecce 2021 - Congresso 2021 della sezione di Psicologia Clinica e Dinamica

19/12/2018 - *The Psychophysics of Smell: Basic Research and Potential Applications*, Themenfeld Sensory Sciences (Inst. für Psychologie) at FAU Erlangen-Nürnberg, Germany

6/03/2018 - *Influence of social odor context on cognitive processes*, Sensorik Netzwerk Österreich Talks. Invited by Prof. Barbara Siegmund, Universität für Bodenkultur Wien, Austria

19/04/2018 - *Influence of social odor context on cognitive processes*, AChemS 40th Annual Meeting, April 17-22, 2018, Bonita Springs (Fort Myers), Florida

14/04/2018 - *Influence of social odor context on cognitive processes*. 13th Tagung der Österreichischen Gesellschaft für Psychologie. Linz (Austria)

Selected poster contributions

Cecchetto, C., Gentili, C., Aiello, M., Fischmeister, F.P.S., Osimo, S., Dal Bò, E. (April 2022). *Olfactory abilities in alexithymic individuals*. AChemS 44th Annual Meeting, April 20-23, 2022, Bonita Springs (Fort Myers), Florida

Cecchetto, C., V., Pisanu, E., Schöpf, V., Rumiati, R., Aiello, M. (September 2021). *Food olfactory cues reactivity in individuals with obesity and the contribution of alexithymia*. ECRO XXXI Annual Meeting, September 13-16, 2021, Cascais (Lisbon), Portugal

Cecchetto, C., Fischmeister, F.P.S., Gorkiewicz, S., Bagga, D., Parma, V., Schöpf, V. (April 2019). *Social odor context enhances encoding and recognition of faces*. AChemS 41th Annual Meeting, April 14-17, 2019, Bonita Springs (Fort Myers), Florida

Cecchetto, C.*, Cavazzana, A.*, Gordon, A.G., Rebeschini, V., Parma, V., Lundström, J.N. (April 2016). *Chemosensory threat signals: the case of strangers' body odor*. AChemS 38th Annual Meeting, April 20-23, 2016, Bonita Springs (Fort Myers), Florida

Public scientific divulgation

13/11/2019 – *Il disgusto morale*, Trieste Città della Conoscenza, Trieste

18/05/2019 - *Olfatto ed emozioni*. “Cibo a regola d’arte (Orto delle Idee)”, Fabbrica del Vapore, Milano

- 19/03/2016 - *Peripheral physiology, perception and moral decision-making*, Parma, V. & Cecchetto, C. Brain awareness week: Neuroscienze e comportamento sociale, International School of Advanced Studies (SISSA), Trieste
- 13/03/2014 - *Azione, linguaggio e funzioni esecutive in pazienti con malattia del motoneurone (Action and Language processing in patients with Motor Neuron Disease)*, Invited by Dr. Tatiana Cattaruzza, Department of Neurology, "Ospedali Riuniti", Trieste (Italy)

Peer-reviewed publications

ORCID Id

0000-0001-9047-9884

Citation measures

h-Index: 18

i10-Index: 20

citations total: 999

[Google Scholar link](#)

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26. **Cecchetto, C.**, Dal Bò, E., Aiello, M., Fischmeister, F.P.S., Gentili, C., Osimo, S. A. (2023) *Alexithymia modulates the attitudes towards odors but not the olfactory abilities or the affective reactions to odors*. PlosOne, <https://doi.org/10.1371/journal.pone.0278496>
25. Rho, G., Callara, A.L., **Cecchetto, C.**, Vanello, N., Scilingo, E.P. and Greco, A. (2022) *Valence, Arousal, and Gender Effect on Olfactory Cortical Network Connectivity: a study using Dynamic Causal Modeling for EEG*. IEEE Access. doi: 10.1109/ACCESS.2022.3226207.
24. Fischmeister, F.P., Veldhuizen, M.G. and **Cecchetto, C.** (2022) *Editorial: The functional connectome of chemosensory perception*. Front. Syst. Neurosci. 16:1025962. doi: 10.3389/fnsys.2022.1025962
23. Veldhuizen, M. G., **Cecchetto, C.**, Fjaeldstad, A. W., Farruggia, M. C., Hartig, R., Pellegrino, R., ... & Fischmeister, F. P. S. (2022) *Future directions for chemosensory connectomes: best practices and specific challenges*. Frontiers in Systems Neuroscience, 54.
22. Dal Bò, E., Gentili, C., Castellani, A., Tripodi, C., Fischmeister, F.P.S., & **Cecchetto, C.** (2022). *Olfactory meta-cognition in individuals with depressive and anxiety symptoms: The differential role of common and social odors*. Journal of Affective Disorders, 308: 259-267
21. **Cecchetto, C.**, V., Pisanu, E., Schöpf, V., Rumiati, R., Aiello, M. (2021). *Food olfactory cues reactivity in individuals with obesity and the contribution of alexithymia*. Appetite, 169, 105827
20. Dal Bò, E., Gentili, C., Castellani, A., Fischmeister, F. P. S., & **Cecchetto, C.** (2021). *The Social Odor Scale: development and validation of a new scale for the assessment of Social Odor Awareness*. PlosOne, 16(12)
19. **Cecchetto, C.**, Di Pizio, A., Genovese, F., Calcinoni, O., Macchi, A., Dunkel, A., ... & Dibattista, M. (2021). *Assessing the extent and timing of chemosensory impairments during COVID-19 pandemic*. Scientific Reports, 11(1), 1-12.
18. Bagga, D., **Cecchetto, C.**, Aigner, C. S., Tiraspolski, I., Koschutnig, K., Fischmeister, F. P. S., Schöpf, V. (2021). *Metabolic Dynamics in the Prefrontal Cortex during a Working Memory Task in Young Adult Smokers*. European Addiction Research, 1-11
17. Osimo, S. A., Aiello, M., Gentili, C., Ionta, S., **Cecchetto, C.** (2021). *The influence of personality, resilience, and alexithymia on mental health during COVID-19 pandemic*. Frontiers in Psychology, 12, 341.
16. **Cecchetto, C.**, Aiello, M., Gentili, C., Ionta, S., Osimo, S. A. (2021). *Increased emotional eating during COVID-19 associated with lockdown, psychological and social distress*. Appetite, 160, 105122

15. Dal Bò, E., Gentili, C., **Cecchetto, C.** (2020). *Human chemosignals and brain activity: a preliminary meta-analysis of the processing of human body odors*. *Chemical Senses*, 45(9), 855-864.
14. **Cecchetto, C.**, Fischmeister, F. P. S., Gorkiewicz, S., Schühly, W., Bagga, D., Parma, V., Schöpf, V. (2020). *Human body odor increases familiarity for faces during encoding-retrieval task*. *Human Brain Mapping*. 41(7): 1904-1919
13. **Cecchetto, C.**, Lancini, E., Rumiati, R. I., & Parma, V. (2019). *Women smelling men's masked body odors show enhanced harm aversion in moral dilemmas*. *Physiology & Behavior*. 201, 212-220.
12. **Cecchetto, C.**, Fischmeister, F. P. S., Reichert, J. L., Bagga, D., Schöpf, V. (2019). *When to collect resting-state data: the influence of odor on post-task resting-state connectivity*. *NeuroImage*, 191, 361-366.
11. **Cecchetto, C.**, Lancini, E. M., Buetti, D., Rumiati, R.I., Parma, V. (2019). *Body odors (even when masked) make you more emotional: behavioral and neural insights*. *Scientific Reports*. 9:5489
10. Bagga, D., Aigner, C. S., Fischmeister, F. P. S., **Cecchetto, C.** & Schöpf, V. (2018). *Investigating the sex-specific characteristics of nicotine addiction using metabolic and structural MRI*. *European Addiction research*. 24(6), 267-277.
9. Bagga, D., Aigner, C. S., Reichert, J. L., **Cecchetto, C.**, Fischmeister, F. P. S., Holzer, P., ... & Schöpf, V. (2018). *Influence of 4-week multi-strain probiotic administration on resting-state functional connectivity in healthy volunteers*. *European journal of nutrition*, 1-7.
8. **Cecchetto, C.**, Korb, S., Rumiati, R., Aiello, M. (2018). *Emotional reactions in moral decision-making are influenced by empathy and alexithymia*. *Social Neuroscience*. 13(2), 226-240.
7. **Cecchetto, C.**, Rumiati, R., Aiello, M. (2017). *Alexithymia and emotional reactions to odours*. *Scientific Reports*. 7,1. 14097.
6. Parma, V., Gordon, A.R., **Cecchetto, C.**, Cavazzana, A., Lundström, J.N., & Olsson, M.J. (2017). *Processing of Human Body Odors*. *Handbook of Odor*, Springer. In: Andrea Buettner (Ed.): Springer Handbook of Odor. Switzerland. Springer, Cham. 2017. 127-128.
5. **Cecchetto, C.**, Rumiati, R.I., Parma, V. (2017). *Promoting cross-culture research on moral decision-making through the use of standardized, culturally-equivalent dilemmas: the validation of the 4CONFDe set*. *Journal of Health and Social Sciences*. 2,2. 173-194.
4. **Cecchetto, C.**, Rumiati, R.I., Parma, V. (2017). *Relative contribution of odour intensity and valence to moral decisions*. *Perception, Special Issue "Chemosensory perception"*. 46,3. 447-474.
3. **Cecchetto, C.**, Aiello, M., D'Amico D., Cutili D., Cargnelutti, D., Eleopra, R., Rumiati, R.I. (2014). *Facial and Bodily Emotion Recognition in Multiple Sclerosis: The Role of Alexithymia and Other Characteristics of the Disease*. *Journal of the International Neuropsychological Society*. 20, 10. 1004-14.
2. Papeo, L. *, **Cecchetto, C.** *, Mazzon, G., Granello, G., Cattaruzza, T., Verriello, L., Eleopra, R., Rumiati, R.I. (2015). *The Processing of Actions and Action-Words in Amyotrophic Lateral Sclerosis Patients*. *Cortex*. 64. 136-47.
1. Papeo, L., Rumiati, R.I., **Cecchetto, C.**, Tomasino, B. (2012). *On-line Changing of Thinking about Words: The Effect of Cognitive Context on Neural Responses to Verb Reading*. *Journal of Cognitive Neuroscience*. 24, 12. 2348-62.

Padova, 07/06/2023

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