MARIA LUISA DE MARTINO

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EDUCATION AND TRAINING

SAPIENZA, UNIVERSITY OF ROME November 2022- Present
Doctor of Philosophy (PhD), Psychology and Cognitive Science
Winner of a scholarship for the three years PhD programme
Tutor: Professor Mariella Pazzaglia

SAPIENZA, UNIVERSITY OF ROME October 2020 – July 15th, 2022. Master's Degree in Cognitive Neuroscience and Psychological Rehabilitation.
Thesis: "An interoceptive perspective of time prediction in patients with spinal cord injury"
Final grade: 110/110 with honours.

SAPIENZA, UNIVERSITY OF ROME inter-university with "Unitelma Sapienza" – September 14th 2020
Bachelor's Degree, Psychological Sciences and Techniques
Three-year bachelor's degree (EU classification) providing knowledge and educational experience about the most recent issues in the psychological field and conducted with innovative methods.
Thesis: "Rehabilitation challenges between technology and the body: the potential of embodying and being embodied"
Final grade: 110/110 with honours.

RESEARCH EXPERIENCE

SAPIENZA, UNIVERSITY OF ROME and BODY AND ACTION LAB – FONDAZIONE SANTA LUCIA IRCCS, ROME September 2021 – July 2022 Research activities as thesis worker in the field of cognitive psychology and clinical neuroscience. Collection of behavioural and physiological data regarding several cognitive functions, as executive functions, time perception and interoception, on healthy and clinical populations; application of techniques modulating brain activity, particularly transcutaneous auricular vagal nerve stimulation (taVNS).

Research collaboration grant at Fondazione Santa Lucia IRCCS, Rome – Body and Action Lab**,** July 2022 – November 2022. Research project: "RF-2018-12365682 STAND-ALONE: "Stand and walk"." cod RF 18.82 financed by Ministry of Health.

PUBLICATIONS

- De Martino, M. L., De Bartolo, M., Leemhuis, E., & Pazzaglia, M. (2021). Rebuilding Body-Brain Interaction from the Vagal Network in Spinal Cord Injuries. *Brain sciences*, *11*(8), 1084. https://doi.org/10.3390/brainsci11081084
- Leemhuis, E., Giuffrida, V., De Martino, M. L., Forte, G., Pecchinenda, A., De Gennaro, L., Giannini, A. M., & Pazzaglia, M. (2022). Rethinking the Body in the Brain after Spinal Cord Injury. *Journal of clinical medicine*, *11*(2), 388. https://doi.org/10.3390/jcm11020388
- Forte, G., Favieri, F., Leemhuis, E., De Martino, M. L., Giannini, A. M., De Gennaro, L., Casagrande, M., & Pazzaglia, M. (2022). Ear your heart: transcutaneous auricular vagus nerve stimulation on heart rate variability in healthy young participants. *PeerJ*, *10*, e14447. https://doi.org/10.7717/peerj.14447

Abstract - "An interoceptive perspective of time perception in spinal cord injury" - M. L. DE MARTINO[1,2], E. LEEMHUIS[2], A. SCUDERI[1,2], M. PAZZAGLIA[1,2]; [1]Sapienza Univ. of Rome, Rome, Italy; [2]Fondazione Santa Lucia - IRCCS, Rome, Italy – Poster presented at "Neuroscience 2022", 12-16 November in San Diego (California).

Abstract: "Rebuilding the body from the inside: interoception and the bodily self following spinal cord injuries." SCUDERI, A.; DE MARTINO, M.L.; LEEMHUIS, E.; PAZZAGLIA, M. – Poster presented at Neuroscience 2022, which took place 12-16 November in San Diego, California.

SKILLS AND EXPERTISE

DIGITAL SKILLS:
STATISTICAL ANALYSIS SOFTWARES (e.g., SPSS, Jamovi, Statistica10)
KUBIOS HRV SOFTWARE

LANGUAGES:
ITALIAN – Mother tongue, ENGLISH B2 – Independent user

PERSONAL SKILLS:
Flexibility, strong sense of duty, motivation and interesting in research field, propensity to teamwork, analytical skills.

CV updated November 29th 2022

- I hereby consent to the processing of the data I provided in this CS. I declare my agreement with the data protection regulations in the data privacy statement.