



UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA



DISCAB
Dipartimento di Scienze
Cliniche Applicate
e Biotecnologiche

CURRICULUM VITAE



PERSONAL INFORMATION	<p>Name and Surname: Aurora D'Atri Department: Department of Biotechnological and Applied Clinical Sciences Address (work): Via Vetoio (Coppito 2) City: Coppito, L'Aquila postal code: 67100 Nation: Italy E-mail address (work): aurora.datri@univaq.it</p>
CURRENT POSITION	Associate Professor
EDUCATION OTHER QUALIFICATIONS	<p>2015 Sapienza University of Rome, Ph.D. Psychology and Cognitive science</p> <p>2011 Sapienza University of Rome, MS Psychology and Medicine: Cognitive neurosciences and psychological rehabilitation (Experimental curriculum)</p> <p>2009 Sapienza University of Rome, BD Psychology: Psychological sciences and techniques for the analysis of normal and pathological cognitive processes (Cognitive-computing curriculum)</p>
ACADEMIC APPOINTMENTS	<p>2023- Associate Professor, Department of Biotechnological and Applied Clinical Sciences (DISCAB), University of L'Aquila</p> <p>2020-2023 Fixed-term Researcher (RTDb) Position, Department of Biotechnological and Applied Clinical Sciences (DISCAB), University of L'Aquila</p> <p>2019-2020 Post-Doc. Position, Sleep Psychophysiology Laboratory, Department of Psychology – "Sapienza" University of Rome</p> <p>2017-2018 Post-Doc. Position, Sleep Psychophysiology Laboratory, Department of Psychology – "Sapienza" University of Rome</p> <p>2015-2017 Post-Doc. Position, Sleep Psychophysiology Laboratory, Department of Psychology – "Sapienza" University of Rome</p>



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<p>TEACHING EXPERIENCE</p>	<p>A.A. 2023/2024- University of L'Aquila MD Applied and clinical psychology (LM51) Neural plasticity and memory</p> <p>A.A. 2022/2023- University of L'Aquila MD Neurosciences (LM6) Neuroimaging, Advanced techniques for the study of nervous system and behaviour – Mod. Behaviour</p> <p>A.A. 2020/2021- University of L'Aquila BD Applied Psychological Sciences (L24) Psychobiology of Emotions</p> <p>A.A. 2020/2021-2022-2023 University of L'Aquila MD Applied and clinical psychology (LM51) Psychobiology of learning and memory Neuropsychology and Psychophysiology – Mod. Clinical Psychophysiology</p> <p>A.A. 2017/2018 – Sapienza University of Rome Doctorate in Psychology and Cognitive science Programming for data analysis, graphic representation, and experiment design in MatLab environment</p>
<p>RESEARCH ACTIVITIES</p>	<p>2020- Sleep Psychophysiology and Cognitive Neurosciences Laboratory, Department of Biotechnological and Applied Clinical Sciences (DISCAB), University of L'Aquila, Director Prof. Ferrara</p> <p>2019-2020 Sleep Psychophysiology Laboratory, Department of Psychology, "Sapienza" University of Rome, Director Prof. De Gennaro</p> <p><u>Research areas:</u></p> <ul style="list-style-type: none"> EEG alterations during sleep and wakefulness in Alzheimer's disease and Mild Cognitive Impairment EEG correlates of dreaming in the life span and in clinical population Sleep and cortical maturation Electrophysiological and behavioural effects of sleep deprivation Modulation of the EEG activity during wakefulness and sleep by non-invasive transcranial stimulation techniques Electrophysiology of the sleep onset Relationship between sleep and high cognitive processes Relationship between sleep and emotions



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	<p>Research Grant PRIN 2022 PNRR Project: <i>"Beyond the 1st Night: Closed-Loop Auditory Stimulations during consecutive nights while sleeping at home (B1N-CLAS@home)"</i> (112.494€) Role PI</p> <p>PRIN 2022 Project: <i>"How Emotional Reactivity and Memory Evolve over Sleep: psychophysiological Description via Exogenous manipulation of Sleep features (HERMES-DEUS)"</i> (111.642€) Role Head of the research unit</p> <p>Bial Foundation Grants Programme 2022/23 Project: <i>"Efficacy of Targeted Memory Reactivation in modulating attentional bias"</i> (57.500€) Role PI</p> <p>DISCAB Grant 2022 Project: <i>"Promuovere il consolidamento di una nuova lingua durante il sonno attraverso la closed-loop Targeted Memory Reactivation: uno studio in ambiente domestico"</i> (6.542€) Role PI</p> <p>Research grant 2021-2022 University of L'Aquila Project: <i>"Investigating the cortical dynamics underlying inhibitory modulation in subjects with migraine after trigeminal ganglion inhibition: a pilot study"</i> (13.800€) Role PI</p> <p>DISCAB Grant 2021 Project: <i>"Promuovere il consolidamento di memorie dichiarative durante il sonno in ambiente domestico attraverso un sistema di closed-loop Targeted Memory Reactivation: uno studio pilota"</i> (4.953€) Role PI</p> <p>Starting grant 2017 Università degli Studi Roma Sapienza Project: <i>"Dal Mild Cognitive Impairment alla demenza di Alzheimer: studio longitudinale delle modificazioni nell'EEG di veglia e sonno per l'individuazione di markers prodromici predittivi della conversione"</i> (2000€) Role PI</p>
<p>RESPONSIBILITY IN ACADEMIC ACTIVITIES</p>	<p>President of the Bachelor's Degree in Psychological Sciences and Techniques (from September 2023) President of the Student Practices Committee for the Master's Degree in Applied, Clinical and Health Psychology (January-September 2023) Member of the Syllabus Evaluation Committee for CAD of Psychology area (from March 2023)</p>



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	<p>Member of the DISCAB Internationalization Committee (from March 2023) Member of the teaching staff of the Doctorate in Psychology and Cognitive Science, Dept. of Psychology, University of Rome "Sapienza" (since 2020)</p>
<p>EDITORIAL BOARD, EDITORIAL ACTIVITIES, SOCIETY MEMBERSHIP</p>	<p>Guest Editor for Brain Sciences (Special Issue: "Effects of Sleep Deprivation on Cognition, Emotion, and Behavior") Ad hoc Reviewer for International Journal of Environmental Research and Public Health, Brain Sciences, Neuromodulation, NeuroImage, Journal of Sleep Research Member of of the Società Italiana di Ricerca sul Sonno (S.I.R.S) fino al 2013 Member of the Associazione Italiana di Medicina del Sonno (A.I.M.S)</p>
<p>SCIENTIFIC ACHIEVEMENTS BIBLIOMETRIC INDICATORS</p>	<p>Scopus Author ID: 57211392020 http://orcid.org/0000-0003-3650-0683 Indicatori Bibliometrici (fonte Scopus) Hirsch (H) Index: 24 Citazioni Totali:1331 Numero di documenti: 59</p>
<p>SELECTED PUBLICATIONS</p>	<p>Alfonsi, V., D'Atri, A., Scarpelli, S., Gorgoni, M., Giacinti, F., Annarumma, L., Salfi, F., Amicucci, G., Corigliano, D., De Gennaro, L. The effects of bifrontal anodal transcranial direct current stimulation (tDCS) on sleepiness and vigilance in partially sleep-deprived subjects: A multidimensional study (2023) Journal of Sleep Research, 32 (4) Salfi, F., D'Atri, A., Amicucci, G., Viselli, L., Gorgoni, M., Scarpelli, S., Alfonsi, V., Ferrara, M. The fall of vulnerability to sleep disturbances in evening chronotypes when working from home and its implications for depression (2022) Scientific Reports, 12 (1) Mangiaruga, A., D'Atri, A., Scarpelli, S., Alfonsi, V., Camaioni, M., Annarumma, L., Gorgoni, M., Pazzaglia, M., De Gennaro, L. Sleep talking versus sleep moaning: electrophysiological patterns preceding linguistic vocalizations during sleep (2022) Sleep, 45 (5) Ornello, R., Caponnetto, V., Ratti, S., D'Aurizio, G., Rosignoli, C., Pistoia, F., Ferrara, M., Sacco, S., D'Atri, A. Which is the best transcranial direct current stimulation protocol for migraine prevention? A systematic review and critical appraisal of randomized controlled trials (2021) Journal of Headache and Pain, 22 (1) D'Atri, A., Scarpelli, S., Gorgoni, M., Truglia, I., Lauri, G., Cordone, S., Ferrara, M., Marra, C., Rossini, P.M., De Gennaro, L. EEG alterations during wake and sleep in mild cognitive impairment and Alzheimer's disease (2021) iScience, 24 (4) Gorgoni, M., D'Atri, A., Scarpelli, S., Ferrara, M., De Gennaro, L. The electroencephalographic features of the sleep onset process and their experimental manipulation with sleep deprivation and transcranial electrical</p>



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	<p>stimulation protocols (2020) <i>Neuroscience and Biobehavioral Reviews</i>, Alfonsi, V., D'Atri, A., Scarpelli, S., Mangiaruga, A., De Gennaro, L. Sleep talking: A viable access to mental processes during sleep (2019) <i>Sleep Medicine Reviews</i>, 44, pp. 12-22.</p> <p>D'Atri, A., Scarpelli, S., Schiappa, C., Pizza, F., Vandi, S., Ferrara, M., Cipolli, C., Plazzi, G., De Gennaro, L. Cortical activation during sleep predicts dream experience in narcolepsy (2019) <i>Annals of Clinical and Translational Neurology</i>, 6 (3), pp. 445-455.</p> <p>D'Atri, A., Novelli, L., Ferrara, M., Bruni, O., De Gennaro, L. Different maturational changes of fast and slow sleep spindles in the first four years of life (2018) <i>Sleep Medicine</i>, 42, pp. 73-82.</p> <p>D'Atri, A., Romano, C., Gorgoni, M., Scarpelli, S., Alfonsi, V., Ferrara, M., Ferlazzo, F., Rossini, P.M., De Gennaro, L. Bilateral 5 Hz transcranial alternating current stimulation on fronto-orbital areas modulates resting-state EEG (2017) <i>Scientific Reports</i>, 7 (1)</p>
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L'AQUILA, 05/10/2023