

PROF. ALICIA SALVADOR, PhD. University of Valencia. Spain

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She is Full Professor at the University of Valencia (Spain) since 2002. In 1981 she obtained her PhD in Psychology (U. Valencia) and since then she has been teaching at this University (Psychoneuroendocrinology, Psychobiology of Development, and Stress at the undergraduate level and Psychobiological basis of stress in the Erasmus Mundus Master Course). Currently, she teaches Psychoneuroendocrinology (Grade of Psychology) and Behavioral Neurobiology (Master of Basic and Applied Neuroscience). She has been Co-director of the Master of Basic and Applied Neurosciences of the University of Valencia and has been Director of the Doctoral Program of Neuroscience (awarded with the "Quality recognition" of the Spanish Ministry of Education, 2014-2020). She has promoted twenty-five doctoral students and many of those doctors are now associate professors or teaching and research staff of several Spanish (UV, UMH, Unizar, UJI, UM, UCV) and international (Eindhoven, Ghent, Guanajuato, El Bosque) universities.

She is senior researcher and she has led or participated as researcher in numerous research projects in collaboration with other international (University of Parma, Maastricht or Dresden) or Spanish research teams (Univ. of Murcia, Miguel Hernandez in Elche). The projects have been funded by Spanish Research Council and other Regional Agencies of R+D. Currently, she was the leader (PI) of a project with other two universities and a Project for Groups of Excellence on "Social stress and health: vulnerabilities and resilience" funded by the Regional R+D Program (Prometeo). The current main topics are human social stress, social interactions and occupational health. Her research focuses on the relationship between stress and cognition across the life-span and psychobiological consequences of social stress. Current projects are on memory performance in aging, stress and social interactions, and biobehavioral aspects of cognitive and affective taking in account sex/gender and age. She is the IP of the Laboratory of Social Cognitive Neuroscience (GIUV2015-0215) with interests in several factors that contribute to the cognitive impairment in healthy people and in patients with different pathologies (diabetes mellitus, hepatic disorders, hypertension...) as loneliness, some polymorphisms or personality traits. The research group focuses on the study of the effects of stress and emotional regulation on cognitive function in individuals with subjective memory complaints. Our project aims to explore how stress affects cognitive ability and how emotional regulation strategies can modulate this impact in individuals experiencing difficulties in their perceived memory. Through an interdisciplinary approach combining psychological, neurological and biomedical methods, we seek to better understand the mechanisms underlying these subjective memory complaints and propose effective interventions to improve the quality of life of these individuals. (<https://www.uv.es/labnsc>).

She has published more than a hundred and sixty articles in international peer-reviewed scientific journals (Neuroscience and Biobehavioral Reviews, Psychoneuroendocrinology, Hormones and Behavior, Biological Psychology...) and more than twenty book chapters.

She has been involved in national committees for the evaluation of scientific journals (FECYT 2010), University Professors' research (CNEAI, 2006-2008) and research projects (Interministerial Commission of Research and Science 2007-2022) and regional agencies (2011-2024).

Dr. Salvador has served as President of the Spanish Society of Psychophysiology (SEPF) (2004-2006) and the Spanish Society of Psychobiology (2022-24) has member of the COSCE (Spanish Confederation of Scientific Societies). She also served as president of the Society for Psychological Studies of Valencia (2004-2008) and member of the Executive Committee of Spanish Federation of Scientific Associations of Psychology, representative of the Spanish National Association of Psychology and member of the Executive Committee for the IUPsyS. Moreover, she is member of several scientific associations, such as International Society of Psychoneuroendocrinology, ISPNE; Society for Behavioral Neuroendocrinology, SBN; International Association of Applied Psychology, IAAP; Sociedad Española de Neurociencia, SENC; Sociedad Española de Psicofisiología and Neurociencia Cognitiva y Afectiva, SEPNECA. She is member of the Spanish Academy of Psychology (num 10), also served as President of the Spanish Congress of Psychophysiology and Cognitive and Affective Neuroscience, organized by SEPNECA in 2010 and the IV International Congress of Psychobiology in 2022. She has organized different scientific meetings and seminars on research topics.

She has been visiting professor in several European (University College of London, University of Wales, University of Trier, University of Maastrich, Firenze...) and South-American universities (Sao Paulo, Buenos Aires, Montevideo). She has been invited as keynote speaker in several international congresses and meetings (Veracruz, Cartagena de Indias, Berlin, Glasgow, Erice...)

Some recent papers:

Martino, P., Perez-Alarcón, M., Deconinck, L., De Raedt, R., Vanderhasselt, M.A., Kozusznik, M., Kooy, F., Hidalgo, V., Venero, C., Salvador, A., Baeken, C., Pulopulos, M.M. (2025). Stress and telomere length in leukocytes: Investigating the role of GABRA6 gene polymorphism and cortisol. *Psychoneuroendocrinology*, 173, 107358.

doi: <https://doi.org/10.1016/j.psyneuen.2025.107358>

F.I.: 3.4, Q2

Garces-Arilla, S., Hidalgo, V., Fidalgo, C., Salvador, A., Juan, M-C., Mendez-Lopez, M. (2025). Post-encoding stress and spatial memory consolidation: no significant associations with cortisol and DHEA reactivity. *Behavioural Brain Research*, 485, 115525.

doi: <https://doi.org/10.1016/j.bbr.2025.115525>

FI: 2.6, Q2.

Perez, V., Hidalgo, V., Salvador, A. (2025). Linking cognitive reserve to neuropsychological outcomes and resting-state frequency bands in healthy aging. *Frontiers in Aging Neuroscience*. 17:1540168

doi: 10.3389/fnagi.2025.1540168

F.I.: 4.1, Q2.

Zapater-Fajarí, M., Crespo-Sanmiguel, I., Cedres, N., Rydberg Sterner, T., Rydén, L., Sacuiu, S., Waern, M., Zettegergren, A., Zetterberg, H., Blennow, K., Kern, S., Hidalgo, V., Salvador, A., Westman, E., Skoog, I., Ferreira, D. (2025). Loneliness and biomarkers of brain pathology in people with subjective cognitive decline. *Scientific Reports*, 15:11299

doi: <https://doi.org/10.1038/s41598-025-95411-1>

FI: 3.8, Q1

Batallas, D., Gallego, J.J., Casanova-Ferrer, F., López-Gramaje, A., Rivas-Diaz, P., Megías, J., Escudero-García, D., Durbán, L., Benlloch, S., Urios, A., Hidalgo, V., Salvador, A., Montoliu, C. (2025). Sex differences in the mediating role of brain-derived neurotrophic factor between inflammation and memory in cirrhotic patients with minimal hepatic encephalopathy. *Brain, Behavior, & Immunity – Health*, 46-100998.

FI: 3.6, Q1

doi: <https://doi.org/10.1016/j.bbih.2025.100998>.

Batallas, D., Gallego, J.J., Fiorillo, A., Rivas-Diaz, P., Arenas, Y.M., Aparicio, L., Escudero-García, D., Durbán, L., Rios, M.P., Benlloch, S., Urios, A., Hidalgo, V., Montoliu, C., Salvador, A. (2005). Blood ammonia and eye-hand coordination negatively affect health-related quality of life in women with minimal hepatic encephalopathy. *Quality of Life Research*, 34, 1669-1683.

FI: 3.3, Q1

Doi: <https://doi.org/10.1007/s11136-025-03920-3>

Rodríguez, V., Batallas, D., Hidalgo, V., Salvador, A. (2025). How do we process nutrition-related health messages? An online study. *Edizioni Centro Studi Erickson, Trento, 2025-Counseling*, 18(1), 21-32. doi: 10.14605/CS1812502, ISSN: 2421-2202.

<https://rivistedigitali.erickson.it/counseling/archivio/vol-18-n-1/come-elaboriamo-i-messaggi-sulla-salute-correlati-allalimentazione-uno-studio-online/>

Rodriguez, V., Hidalgo, V., Salvador, A. (*in press*). Emotional and cognitive processes underlying persuasion, moderating factors, and physiological reactions: a systematic review. *Psychological Reports*

FI: 1,7, Q2

Doi: 10.1177/00332941241291497

Rodriguez, V., Batallas, D., Hidalgo, V., Salvador, A. (*in press*). Exploring the heart rate variability response to persuasive health messages: the moderating role of perceived stress and neuroticism. *Journal of Psychophysiology*,

38(4), 186-194

FI: 0.9, Q4

Doi: <https://doi.org/10.1027/0269-8803/a000339>

Rivas-Diaz, P., Trillo-Figueroa, D., Rodriguez-Hernandez, V., SanMiguel, N., Hidalgo, V., Salvador, A. (2025). Post-awakening cortisol and resilience: unravelling their impact on cognitive decline. *Journal of Neural Transmission*. Publicado online el 12 de junio

FI: 3.2, Q2

Doi: <https://doi.org/10.1007/s00702-025-02958-4>