Fecha del CVA	12/02/2021

Parte A. DATOS PERSONALES

Nombre y Apellidos	José María Delgado García		
DNI/NIE/Pasaporte		Edad	
Núm. identificación del investigador	Researcher ID	V-1567-2019	
	Scopus Author ID		
	* Código ORCID	0000-0001-7369-4195	

* Obligatorio

A.1. Situación profesional actual

Organismo	Universidad Pablo de Olavide		
Dpto. / Centro	Fisiología, Anatomía y Biología Celular / Area de Fisiología		
Dirección			
Teléfono		Correo electrónico	
Categoría profesional	Investigador Distinguido	Fecha inicio	2021
Palabras clave	Psiconeurofarmacología; Neurofisiología; Biología del comportamiento; Neurociencia cognitiva		

A.2. Formación académica (titulo, institución, fecha)

Licenciatura/Grado/Doctorado	Universidad	Año
PhD degree	Universidad de Sevilla	1972
Residence in Psychiatry	Universidad de Sevilla	1971
Medical Doctor	Universidad de Sevilla	1969

A.3. Indicadores generales de calidad de la producción científica
JCR articles, h Index, thesis supervised

1. Articles in Pubmed: 265.
2. Total number of papers and book chapters: 351.
3. Published books: 13.
4. Written collaborations in magazine and news media: 67.
5. Paper mentions: 10642.
6. h index: 56.
7. i10 index: 192.
8. Thesis supervised: 36, two of them defended in the past five years.
9. Meeting presentations: 667, from which symposia: 53, and conferences and plenary lectures: 46.
10. Invited lectures: 313, including, apart from Spain, Argentina, Bolivia, Brazil, Canada, Colombia, England, France, Germany, Italy, Mexico, Peru, Portugal, PR China, Turkey, Uruguay, Switzerland, and USA.
11. Membership of Scientific Societies and Foundations: 26.
12. Reviewer and assistant editor of scientific journals: 85.
13. Membership of official and private entities of evaluation and prospective: 38.
14. Scientific collaborations: At present I have active scientific contacts, ongoing research, and joint publications with the following research groups: M. Hasan (Achucarro Research Center, UPV, Leioa, Spain), C. Gross (EMBL, Rome, Italy), A. Villa (Lausanne Univ., Lausanne, Switzerland), D. Bartsch (CIMH, Mannheim, Germany), B. Bettler (Basel University, Basel, Switzerland), I. Izquierdo (Portoalegre Univ., Portoalegre, Brazil), E. Soriano, Joan Guinovart, and J.A. del Rio (Barcelona Central Univ., Barcelona, Spain), M. Dierssen (CRG, Barcelona, Spain), R. Trullás (IDIBAPS-CSIC, Barcelona, Spain) MP Abracchio (Milan Univ., Milan, Italy), F. Vozek (Charles Univ., Pilsen, Czech Republic), F. Calegari (DFG-Center, Dresden, Germany), R. Moratalla (Cajal-CSIC, Madrid, Spain), L. Dimou (LMY, Munich, Germany), M. Manto (ULB, Brussels, Belgium), L. Probert (Hellenic Pasteur Institute, Athens, Greece), and Y. Hérault (IGBMC-CNRS, Strasbourg, France).

15. Meetings, symposia, and advances courses organized: 60, including the III Congreso Nacional de Neurociencias (Sevilla, 1989), the Workshop on Neural Control of Movement in Vertebrates (Fundación Juan March, Madrid, 1991), the International Meeting on Neural Control of Movement (Sevilla, 2001), the Dynamic Brain Forum, International Meeting (Sevilla, 2012), 6th edition of the International Conference on Cognitive Neurodynamics (ICCN2017, Carmona), and the 15 editions of the Curso Nacional de Neurociencia (1990-2018).
16. Total number of quinquenios: 6
17. Total number of sexenios: 6

Parte B. RESUMEN LIBRE DEL CURRÍCULUM

I was born in Seville, in 1945, and graduated in Medicine at Seville University in 1969. I followed a specialization in Psychiatry at Barcelona (Prof. R. Sarró, 1969-70) and Seville (Prof. F. Alonso-Fernández, 1971-72) Universities. I gained the PhD in 1972, with a study on the electrophysiology of the limbic system. I completed my scientific training in several European (Oxford, Prof. J. Stein; Paris, Prof. A. Berthoz) and American (Iowa and New York, Profs. R. Llinás and R. Baker) research centers. I returned to Spain in 1978, and founded the Neuroscience Laboratory at Seville University, a place where many Spanish young researchers have received training on different aspects related to neural motor control and regeneration capabilities of the CNS. In 1997, I was invited to move to Pablo de Olavide University, also in Seville. There I founded the Division of Neuroscience and organized its Animal House and Phenotyping Center, a research facility that has attracted the attention of many Spanish and international research centers, opening a fruitful avenue of scientific collaborations (see A.3-14).I also organized different Master Courses related to Neuroscience issues, as well as the Official Doctorate Program in Neurosciences (2000-). I have published 351 papers in Neuroscience journals and monographies, as well as 13 books. I want to highlight the edition of the Manual de Neurociencia (1998), the book Brain, Damage and Repair (2004), and, finally, the book Lenguajes del Cerebro (2008), already translated to English (2011) and Portuguese (2019).My main scientific contributions are related to the discovery of neural mechanisms underlying eye and postural position holding, as well as the relative roles of the nitric oxide, glutamate, and acetylcholine in these processes. I have also contributed largely to the complete description of the complex pre-motor neural system controlling the generation of learned motor responses, using in vivo electrophysiology, and instrumental and pavlovian conditioning paradigms. An electrophysiological study from my laboratory, carried out with behaving wild-type and transgenic mice during associative learning, was recognized by Science (December 22, 2006 issue) as one of the ten-year breakthroughs of the 2006. Other important contributions of our group are related to the neural control of eye, facial, and respiratory systems, and to the regenerative capabilities of the CNS of mammals. Recently, I have opened a new line of research related to the role of the medial prefrontal cortex and its connecting structures in the organization of appetitive behaviors, decision making processes, and social interactions (see ref. 2). I have contributed in an important way to the training of several generations of Spanish and Latin-American students interested in the Neurosciences with the different Master Courses and Doctorate Programs implemented at Seville, La Rábida and Pablo de Olavide Universities, as well as in other Latin-American research centers. I has been President of the Spanish Society of Physiology and of the Spanish Society for Neuroscience, member of the Education Committee of IBRO, Chairman of the EU/Cost "Brain Regeneration and Plasticity" Program, and member of the Steering Committee of the European Brain Research Institute at Rome. I received awards from the Junta de Andalucía, SECF, and from Vale do Itajai (Brazil) and de la República (Uruguay) Universities.

Parte C. MÉRITOS MÁS RELEVANTES (ordenados por tipología)

C.1. Publicaciones

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores

1 **Artículo científico**. Reus-García MM; Sánchez-Campusano R; Ledderose J; Dogbevia GK; Treviño M; Hasan MT; Gruart A; Delgado-García JM (AC). (8/8). 2020. The claustrum is involved in cognitive processes related to the classical conditioning of eyelid responses in behaving rabbits Cerebral Cortex. 31, pp.281-300.
2 **Artículo científico**. Conde-Moro, AR; Rocha-Almeida F; Sánchez-Campusano R; Delgado-Garcia JM; Gruart A. (4/5). 2019. The activity of the prelimbic cortex in rats is enhanced during the cooperative acquisition of an instrumental learning task Progress Neurobiol. 163, pp.101692.
3 **Artículo científico**. Andreu-Sánchez C; Martín-Pascual MÁ; Gruart A; Delgado-García JM. (4/4). 2018. Chaotic and Fast Audiovisuals Increase Attentional Scope but Decrease Conscious Processing.Neuroscience. 394, pp.83-97.
4 **Artículo científico**. López-Ramos JC; Houdek Z; Cendelín J; Vožeh F,; Delgado-García JM.(5/5). 2018. Timing correlations between cerebellar interpositus neuronal firing and classically conditioned eyelid responses in wild-type and Lurcher mice Sci Rep. 8(1), pp.10697.
5 **Artículo científico**. Hernández-González S; Andreu-Sánchez C; Martín-Pascual MÁ; Gruart A; Delgado-García JM (AC). (5/5). 2017. A Cognition-Related Neural Oscillation Pattern, Generated in the Prelimbic Cortex, Can Control Operant Learning in Rats Journal of Neuroscience. 37, pp.5923-5935.
6 **Artículo científico**. Sergaki MC; , López-Ramos JC; Stagkourakis S; Gruart A,; Broberger C; Delgado-García JM; Ibáñez CF. (6/7). 2017. Compromised Survival of Cerebellar Molecular Layer Interneurons Lacking GDNF Receptors GFRα1 or RET Impairs Normal Cerebellar Motor Learning Cell Reports. 19, pp.1977-1986.
7 **Artículo científico**. Fernández-Lamo I; Delgado-García JM; Gruart A. (2/3). 2017. When and Where Learning is Taking Place: Multisynaptic Changes in Strength During Different Behaviors Related to the Acquisition of an Operant Conditioning Task by Behaving Rats.Cereb. Cortex. 64, pp.2201-2218.
8 **Artículo científico**. Schneider S; Gruart A; Grade S; et al; Delgado García JM; Dimou L. (8/9). 2016. Decrease in newly generated oligodendrocytes leads to motor dysfunctions and changed myelin structures that can be rescued by transplanted cells Glia. 64, pp.2201-2218.
9 **Artículo científico**. Madroñal N; Delgado-García JM; Fernández-Guizán A; et al; Gruart A. (2/12). 2016. Rapid erasure of hippocampal memory following inhibition of dentate gyrus granule cells Nature Commun. 7, pp.10923.
10 **Artículo científico**. Ammann C; Márquez-Ruiz J; Gómez-Climent MÁ; Delgado-García JM,. (4/5). 2016. The Motor Cortex Is Involved in the Generation of Classically Conditioned Eyelid Responses in Behaving Rabbits Journal of Neuroscience. 36, pp.6988-7001.

C.2. Proyectos

1 Cuando, dónde y bajo qué circunstancias ocurre el aprendizaje BFU2017-82375-R Gruart A. (Ministerio de Ciencia e Innovación. Universidades). 31/12/2018-31/12/2020. 484.000 €.
2 El aprendizaje como estado funcional cerebral: estudios en mamíferos silvestres y manipulados genéticamente BFU2014-56692-R Gruart A. (Ministerio de Ciencia e Innovación. Universidades). 31/12/2015-31/12/2017. 544.500 €.
3 Mapping and interrogating top-down control of the memory engram of the posttraumatic stress disorder (topdownPTSD). Code: APCIN-2017-017 José María Delgado García. (Secretaría General de Universidades, Investigación y tecnología. Call: ERA-NET NEURON-Ministerio de Economía y Competitividad). 01/01/2013-31/12/2015. 100.000 €.
4 Restoring function in stroke via GPR17, a new receptor involved in adult brain self-repair (RENEW-IT). Code: PCIN-2013-045. José María Delgado García. (Secretaría General de Universidades, Investigación y tecnología. Call: ERA-NET NEURON-Ministerio de Economía y Competitividad). 01/01/2013-31/12/2015. 100.000 €.
5 Generación y almacenamiento de respuestas motoras aprendidas en estructuras corticales de ratones y ratas silvestres o manipuladas genéticamente BFU2011-29089 José María Delgado García. (Ministerio de Ciencia e Innovación. Call: Ayudas para la realización de proyectos de investigación, subprograma de proyectos de investigación fundamental no orientada. Convocatoria 2011). 01/01/2012-31/12/2014. 574.740 €.

6 Mecanismos neuronales que subyacen al aprendizaje y la memoria: un estudio en ratones silvestres y transgénicos. José María Delgado García. (Junta de Andalucía. Convocatoria: Ayudas a proyectos de excelencia.). 01/01/2010-31/12/2012. 477.668 €.
7 Transformación de la actividad neuronal en los circuitos hipocámpico y cerebeloso durante el aprendizaje motor y cognitivo José María Delgado García. (Plan Nacional de I+D+I (2008-2011)). 31/12/2008-31/12/2011. 370.000 €.
8 Hyper Interaction Viability Experiments. Grant agreement nº: 2222079. José María Delgado García. (European Commission. Call: 7th Framework Programme Theme 3 Information and Communication Technologies).). 01/01/2008-31/12/2011. 283.329 €.

C.3. Contratos

1 Two service contracts for the development of associative learning models in wildtype and transgenic mice Aventis-Pharma (Paris, France).. 2102-01/01/2106. 400.000 €.
2 Six successive service contracts for learning studies in behaving rats treated with different probiotic products. Abbot España-USA. 01/01/2008-01/01/2016. 487.000 €.
3 Development of a Phenotyping Center for Behavioral studies in laboratory animals. Universidad Pablo de Olavide with the Fundación Universidad-Sociedad. 2007-01/01/2010. 150.000 €.

C.4. Patentes

1 Leal-Campanario, R; Gruart i Massó, A; Delgado-García, J.M; Santos-Naharro J.A. P201231369. Caja de condicionamiento operante y aprendizaje instrumental para conejos. España. 2012. Universidad Pablo de Olavide, Sevilla, Spain..
2 Martín Pascual, M.A; Andreu Sánchez, C; Santos Naharro, J.A; Gruart i Massó, A. ES/19.07.11/ESP201131227. Device for animal experimentation in Neuroscience Research España. 2011. Universidad Pablo de Olavide, Sevilla y Universidad Autónoma de Barcelona.. CIBERTEC, S.A.
3 Matute Almau, C; Sánchez Gómez, M.V; Campos Esparza, R; Alberdi Alfonso, E; Gottlieb, M.,; Ibarretxe Bilbao, G; Delgado García, J.M; Leal-Campanario, R.ES/30.12.05/ ESA 200503262.. Compounds having neuroprotective properties España. 2008. Universidad del País Vasco y la Universidad Pablo de Olavide. NEURON BIOPHARMA, S.A.