

CV Date	12/06/2025
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Part A. PERSONAL INFORMATION

First Name *	Francisco Moniche Álvarez		
Family Name *			
Sex *		Date of Birth *	
ID number Social Security, Passport *		Phone Number *	
URL Web			
Email Address			
Researcher's identification number	Open Researcher and Contributor ID (ORCID) *		
	Researcher ID		
	Scopus Author ID		

* Mandatory

A.1. Current position

Job Title	Jefe Sección. Facultativo Especialista del Área en Neurología		
Starting date			
Institution	Hospital Universitario Virgen del Rocío de Sevilla		
Department / Centre			
Country		Phone Number	
Keywords			

A.2. Previous positions

Period	Job Title / Name of Employer / Country
2008 - 2008	Research Fellowship / Henry Ford Hospital, Department of Neurology, Research Division. Detroit, MI, USA
2002 - 2006	Médico Interno Residente en Neurología / Hospital Universitario Virgen de Valme

A.3. Education

Degree/Master/PhD	University / Country	Year
Diploma en Evaluación y Acceso a la Innovación Terapéutica	Universidad de Alcalá	2022
Diploma de Especialización en Gestión de Servicios Sanitarios	Universidad de Sevilla	2020
Master de Bioestadística aplicada en ciencias de la salud	Universidad de Sevilla	2018
Doctor en Medicina	Universidad de Sevilla	2013
Licenciado en Medicina y Cirugía	Universidad de Sevilla	2001

Part B. CV SUMMARY

He is a stroke neurologist with extensive experience in clinical and translational investigations. He has a degree of Medicine and did his PhD in Seville University. He is the head of Stroke Unit in Virgen del Rocio University Hospital, a Comprehensive Stroke Centre that covers an area of 2.5 million people. He has published 159 peer-review papers, with an H-index of 28. He has been PI of more than 25 international stroke clinical trials and is involved in 7 academic trials with stem cells in stroke patients. In 2008, he did a Research Fellowship in the Department of Neurology, Research Division in the Henry Ford Hospital, Detroit, MI, USA. He received the Young Stroke Physicians and Researchers Workshop Award in the European Stroke Organization Conference 2019. He has coordinated the national Practice Clinical Guidelines in Stroke prevention (Ministerio de Sanidad 2023. Guías de Práctica Clínica en el SNS) and has participated in the Cell Therapy Guidelines (STEPS-4) published in Stroke (2019 Nov;50(11):3299-3306.). He is a project evaluator in the Investigación del Instituto de Salud Carlos III, Fundación Pública Andaluza Progreso y Salud, French Stroke Research Foundation, and he is in the Editorial Board of Stroke in Frontiers in Neurology. He is reviewer in several high-impact journals such as Stroke, Journal of Neurology or Int J Stroke.

Part C. RELEVANT ACCOMPLISHMENTS

C.1. Publications

AC: corresponding author. (n° x / n° y): position / total authors. If applicable, indicate the number of citations

- 1 Scientific paper. Juan Antonio Cabezas-Rodriguez; Carlos Biarnes; Marian Marti-Navas; et al; (32/32) Francisco Moniche (AC). 2025. Diffusion Tensor Imaging Study After Intraarterial Cell Therapy in Acute Ischemic Stroke: A Substudy of the IBIS Randomized Clinical Trial. Stroke. ISSN 1524-4628.
<https://doi.org/10.1161/STROKEAHA.124.050261>
- 2 Scientific paper. (1/33) Moniche F (AC); Cabezas-Rodriguez JA; Valverde R; et al; Montaner J. 2023. Safety and efficacy of intra-arterial bone marrow mononuclear cell transplantation in patients with acute ischaemic stroke in Spain (IBIS trial): a phase 2, randomised, open-label, standard-of-care controlled, multicentre trial. The Lancet. Neurology. 22, pp.137-146. ISSN 1474-4422.
[https://doi.org/10.1016/S1474-4422\(22\)00526-9](https://doi.org/10.1016/S1474-4422(22)00526-9)
- 3 Scientific paper. Ibanez, Laura; Heitsch, Laura; Carrera, Caty; et al; Cruchaga, Carlos; (14/76) Moniche, Francisco. 2022. Multi-ancestry GWAS reveals excitotoxicity associated with outcome after ischaemic stroke. Brain : a journal of neurology. ISSN 1460-2156.
<https://doi.org/10.1093/brain/awac080>
- 4 Scientific paper. Carrera, Caty; Carcel-Marquez, Jara; Cullell, Natalia; et al; Fernandez-Cadenas, Israel; (32/51) Moniche, Francisco. 2021. Single nucleotide variations in ZBTB46 are associated with post-thrombotic parenchymal haematoma. BRAIN. OXFORD UNIV PRESS. 144, pp.2416-2426. ISSN 0006-8950.
- 5 Scientific paper. de Celis-Ruiz, Elena; Fuentes, Blanca; (3/7) Moniche, Francisco; Montaner, Joan; Borobia, Alberto M.; Gutierrez-Fernandez, Maria; Diez-Tejedor, Exuperio. 2021. Allogeneic adipose

- tissue-derived mesenchymal stem cells in ischaemic stroke (AMASCIS-02): a phase IIb, multicentre, double-blind, placebo-controlled clinical trial protocol. BMJ OPEN. BMJ PUBLISHING GROUP. 11-8. ISSN 2044-6055. <https://doi.org/10.1136/bmjopen-2021-051790>
- 6 Scientific paper. Mancha, Fernando; Escudero-Martinez, Irene; Zapata-Arriaza, Elena; et al; (25/25) Moniche, Francisco (AC). 2020. Circulating microRNA after autologous bone marrow mononuclear cell (BM-MNC) injection in patients with ischemic stroke. JOURNAL OF INVESTIGATIVE MEDICINE. 68, pp.807-810. ISSN 1081-5589. <https://doi.org/10.1136/jim-2019-001161>
 - 7 Scientific paper. Medina-Rodriguez M; Millan-Vazquez M; Zapata-Arriaza E; et al; (14/14) Moniche F (AC). 2020. Intravenous Thrombolysis Guided by Perfusion CT with Alteplase in >4.5 Hours from Stroke Onset.Cerebrovascular diseases (Basel, Switzerland). pp.1-6. ISSN 1015-9770. <https://doi.org/10.1159/000509013>
 - 8 Scientific paper. Gonzalez, A.; (2/33) Moniche, F.; Mancha, F.; et al; Montaner, A.2019. Clinical predictors of hyperperfusion syndrome following carotid stenting: results from a national prospective multicentre study. JACC. Cardiovascular interventions.12, pp.873-882. ISSN 1876-7605. <https://doi.org/10.1016/j.jcin.2019.01.247>
 - 9 Scientific paper. (1/14) Moniche, Francisco (AC); Rosado-de-Castro, Paulo Henrique; Escudero, Irene; et al; Montaner, Joan. 2016. Increasing Dose of Autologous Bone Marrow Mononuclear Cells Transplantation Is Related to Stroke Outcome: Results from a Pooled Analysis of Two Clinical Trials. Stem Cells International. 2016-8657173, pp.1-8. <https://doi.org/10.1155/2016/8657173>
 - 10 (1/35) Moniche, Francisco (AC); Escudero-Martinez, Irene; Mancha, Fernando; et al; Gonzalez Garcia, Alejandro. 2020. The Value of Transcranial Doppler Sonography in Hyperperfusion Syndrome after Carotid Artery Stenting: A Nationwide Prospective Study. JOURNAL OF STROKE. 22, pp.254-257. ISSN 2287-6391. <https://doi.org/10.5853/jos.2020.00682>
 - 11 Boltze, Johannes; Modo, Michel M.; Mays, Robert W.; et al; STEPS 4 Participants. 2019. Stem Cells as an Emerging Paradigm in Stroke 4 Advancing and Accelerating Preclinical Research. STROKE. 50. ISSN 0039-2499.
 - 12 Scientific paper. E Zapata-Arriaza; M Aguilar-Perez; A de Albóniga-Chindurza; M Medina-Rodriguez; J Montaner; (6/7) F Moniche; A Gonzalez. 2025. Development of a Risk Prediction Nomogram for Carotid Re-Stenosis in the One Year RECAST Registry. Eur J Vasc Endovasc. <https://doi.org/10.1016/j.ejvs.2024.05.033>
 - 13 Scientific paper. Sheth, Kevin N; Albers, Gregory W; Saver, Jeffrey L; et al; CHARM Trial investigators. 2024. Intravenous glibenclamide for cerebral oedema after large hemispheric stroke (CHARM): a phase 3, double-blind, placebo-controlled, randomised trial.The Lancet. Neurology. 23-12, pp.1205-1213. ISSN 1474-4465.
 - 14 Scientific paper. Zapata-Arriaza, Elena; Perez, Marta Aguilar; De Alboniga-Chindurza, Asier; Medina-Rodriguez, Manuel; Montaner, Joan; (6/7) Moniche, Francisco; Gonzalez, Alejandro. 2024. Development of a Risk Prediction Nomogram for CarotidRe-Stenosis in the One Year RECAST Registry. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY. W B SAUNDERS CO LTD. 68-4, pp.433-441. ISSN

- 1532-2165. <https://doi.org/10.1016/j.ejvs.2024.05.033>
- 15 Scientific paper. de Alboniga-Chindurza, A.; Ortega-Quintanilla, J.; Moniche, F.; et al; Gonzalez, A.2024. Thrombectomy with embed aspiration in acute ischaemic stroke. NEUROLOGIA. ELSEVIER ESPANA SLU. 39-7, pp.530-539. ISSN 0213-4853, ISSN 1578-1968.
 - 16 Scientific paper. Medina-Rodriguez, Manuel; Villagran, Diego; Luque-Ambrosiani, Antonio Cristobal; et al; Zapata-Arriaza, Elena; (12/13) Moniche, Francisco. 2024. Tirofiban versus aspirin to prevent in-stent thrombosis after emergent carotid artery stenting in acute ischemic stroke. JOURNAL OF NEUROINTERVENTIONAL SURGERY. BMJ PUBLISHING GROUP. ISSN 1759-8486. <https://doi.org/10.1136/jnis-2024-021845>
 - 17 Scientific paper. Perez-Sanchez, Soledad; Barragan-Prieto, Ana; Loscertales, Juan Bautista; et al; Montaner, Joan. 2024. Closing the Sex-Based Differences in Stroke Care: Insights from a Large Telestroke Network on Treatment and Postacute Management. HEALTH EQUITY. MARY ANN LIEBERT, INC. 8-1, pp.301-306. ISSN 2473-1242.
 - 18 Scientific paper. Guasch-Jimenez, Marina; Dhar, Rajat; Kumar, Atul; et al; Marti-Fabregas, Joan. 2024. Early automated cerebral edema assessment following endovascular therapy: impact on stroke outcome. JOURNAL OF NEUROINTERVENTIONAL SURGERY. BMJ PUBLISHING GROUP. ISSN 1759-8478, ISSN 1759-8486.
 - 19 Scientific paper. Gallego-Fabrega, Cristina; Temprano-Sagrera, Gerard; Carcel-Marquez, Jara; et al; Spanish Stroke Genetic Consortium. 2024. A multitrait genetic study of hemostatic factors and hemorrhagic transformation after stroke treatment. JOURNAL OF THROMBOSIS AND HAEMOSTASIS. ELSEVIER SCIENCE INC. 22-4, pp.936-950. ISSN 1538-7836, ISSN 1538-7933.
 - 20 Scientific paper. Rabaneda-Lombarte, Neus; Faura, Julia; Ezcurra-Diaz, Garbine; et al; Bustamante, Alejandro. 2024. Stroke-associated pneumonia according to mCDC criteria: impact on prognosis and antibiotic therapy. FRONTIERS IN NEUROLOGY. FRONTIERS MEDIA SA. 15. ISSN 1664-2295.
 - 21 Scientific paper. Zapata-Arriaza, Elena; Medina-Rodriguez, Manuel; Moniche alvarez, Francisco; et al; Gonzalez Garcia, Alejandro. 2024. Statistical analysis plan for the multicenter, open, randomized controlled clinical trial to assess the efficacy and safety of intravenous tirofiban vs aspirin in acute ischemic stroke due to tandem lesion, undergoing recanalization therapy by endovascular treatment (ATILA trial). TRIALS. BMC. 25-1. ISSN 1745-6215.
 - 22 Scientific paper. Hernandez-Jimenez, Macarena; Abad-Santos, Francisco; Cotgreave, Ian; et al; Ribo, Marc; (19/34) Moniche, Francisco. 2023. Safety and Efficacy of ApTOLL in Patients With Ischemic Stroke Undergoing Endovascular Treatment A Phase 1/2 Randomized Clinical Trial. JAMA NEUROLOGY. AMER MEDICAL ASSOC. 80-8, pp.779-788. ISSN 2168-6149. <https://doi.org/10.1001/jamaneurol.2023.1660>
 - 23 Scientific paper. Zapata-Arriaza E; Medina-Rodriguez M; Ortega-Quintanilla J; et al; (14/14) Moniche F. 2023. Relevance of Carotid Reocclusion in Tandem Lesions.Journal of atherosclerosis and thrombosis. 30-6, pp.636-648. ISSN 1340-3478. <https://doi.org/10.5551/jat.63560>
 - 24 Scientific paper. 0000-0002-2810-1685; Qureshi M.M.; 0000-0001-7468-137X; et al; Drenck N.; (94/100) Skoda O.2023. Global Effect

- of the COVID-19 Pandemic on Stroke Volumes and Cerebrovascular Events A 1-Year Follow-up. *Neurology*. 100, pp.E408-E421. ISSN 00283878. <https://doi.org/10.1212/WNL.0000000000201426>
- 25 Scientific paper. Pagola, Jorge; Juega, Jesus; Francisco-Pascual, Jaume; et al; Molina, Carlos A.; (10/24) Moniche, Francisco. 2023. Intensive 90-day textile wearable Holter monitoring: an alternative to detect paroxysmal atrial fibrillation in selected patients with cryptogenic stroke. *HEART AND VESSELS*. 38. ISSN 0910-8327.
 - 26 Scientific paper. Perez-Sanchez, Soledad; Barragan Prieto, Ana; Gamero Garcia, Miguel Angel; (4/8) Moniche, Francisco; Tomasello, Alejandro; Delgado-Acosta, Fernando; Gonzalez, Alejandro; Montaner, Joan. 2023. Predictive Factors for Stroke and TIA Following Carotid Artery Stenting. *JOURNAL OF ENDOVASCULAR THERAPY*. ISSN 1526-6028.
 - 27 Scientific paper. Medina-Rodriguez, Manuel; (2/33) Moniche, Francisco; De Alboniga-Chindurza, Asier; et al; Zapata-Arriaza, Elena. 2023. Safety and efficacy of tirofiban in acute ischemic stroke due to tandem lesions undergoing mechanical thrombectomy: A multicenter randomized clinical trial (ATILA) protocol. *EUROPEAN STROKE JOURNAL*. 8-1, pp.380-386. ISSN 2396-9873. <https://doi.org/10.1177/23969873221146383>
 - 28 Scientific paper. Medina-Rodríguez M; (2/33) Moniche F; de Albóniga-Chindurza A; et al; Zapata-Arriaza E. 2023. Safety and efficacy of tirofiban in acute ischemic stroke due to tandem lesions undergoing mechanical thrombectomy: A multicenter randomized clinical trial (ATILA) protocol. *European stroke journal*. 8, pp.380-386. ISSN 2396-9873. <https://doi.org/10.1177/23969873221146383>
 - 29 Scientific paper. Pala, Elena; Pagola, Jorge; Juega, Jesus; et al; Montaner, Joan; (10/16) Moniche, Francisco. 2022. Proteins and pathways in atrial fibrillation and atrial cardiomyopathy underlying cryptogenic stroke. *International journal of cardiology. Heart & vasculature*. 39, pp.100977. ISSN 2352-9067.
 - 30 Scientific paper. Pardo-Galiana, B.; Medina-Rodriguez, M.; Millan-Vazquez, M.; et al; (12/12) Moniche, F. (AC). 2022. Antithrombotic Treatment after Carotid Stenting in Patients with Concomitant Atrial Fibrillation. *AMERICAN JOURNAL OF NEURORADIOLOGY*. 43. ISSN 0195-6108. <https://doi.org/10.3174/ajnr.A7482>
 - 31 Scientific paper. Barragan-Prieto, A.; Perez-Sanchez, S.; (3/3) Moniche, F. 2022. Express improvement of acute stroke care accessibility in large regions using a centralized telestroke network. *EUROPEAN STROKE JOURNAL*. 7, pp.259-266. ISSN 2396-9873.
 - 32 Scientific paper. Muino, Elena; Carcel-Marquez, Jara; Carrera, Caty; et al; Spanish Stroke Genetic Consortium; (38/56) Moniche, Francisco. 2021. RP11-362K2.2:RP11-767I20.1 Genetic Variation Is Associated with Post-Reperfusion Therapy Parenchymal Hematoma. A GWAS Meta-Analysis. *JOURNAL OF CLINICAL MEDICINE*. MDPI. 10-14. ISSN 2077-0383.
 - 33 Scientific paper. Heitsch, Laura; Ibanez, Laura; Carrera, Caty; et al; Int Stroke Genetics Consortium; (39/51) Moniche, Francisco. 2021. Early Neurological Change After Ischemic Stroke Is Associated With 90-Day Outcome. *STROKE. LIPPINCOTT WILLIAMS & WILKINS*. 52-1, pp.132-141. ISSN 1524-4628.
 - 34 Scientific paper. Pala, E.; Pagola, J.; Juega, J.; et al; Montaner, J.; (14/17) Moniche, F. 2021. B-type natriuretic peptide

- over N-terminal pro-brain natriuretic peptide to predict incident atrial fibrillation after cryptogenic stroke. EUROPEAN JOURNAL OF NEUROLOGY. 28. ISSN 1351-5101.
- 35 Scientific paper. Amarenco, Pierre; Denison, Hans; Evans, Scott R.; et al; THALES Steering Comm Investigators. 2020. Ticagrelor Added to Aspirin in Acute Nonsevere Ischemic Stroke or Transient Ischemic Attack of Atherosclerotic Origin. STROKE. LIPPINCOTT WILLIAMS & WILKINS. 51-12, pp.3504-3513. ISSN 0039-2499, ISSN 1524-4628.
 - 36 Scientific paper. Montaner J; Barragán-Prieto A; Pérez-Sánchez S; Escudero-Martínez I; (5/8) Moniche F; Sánchez-Miura JA; Ruiz-Bayo L; González A. 2020. Break in the Stroke Chain of Survival Due to COVID-19.Stroke. pp.STROKEAHA120030106. ISSN 0039-2499. <https://doi.org/10.1161/STROKEAHA.120.030106>
 - 37 Scientific paper. García-Pastor A; Gil-Núñez A; Ramírez-Moreno JM; et al; Castro-Reyes E; (6/23) Moniche F. 2020. Progression of carotid near-occlusion to complete occlusion: related factors and clinical implications.Journal of neurointerventional surgery. ISSN 1759-8478. <https://doi.org/10.1136/neurintsurg-2019-015638>
 - 38 Scientific paper. Contreras Muruaga MM; Reig G; Vivancos J; et al; Listado de investigadores del estudio ALADIN.2018. Factors associated with poor anticoagulation control with vitaminK antagonists among outpatients attended in Internal Medicine and Neurology. The ALADIN study.Revista clinica espanola. 218, pp.327-335. ISSN 0014-2565. <https://doi.org/10.1016/j.rce.2018.04.020>
 - 39 Scientific paper. Alcalde-López J; Zapata-Arriaza E; Cayuela A; et al; González A; (4/10) Moniche F. 2018. Safety of Early Carotid Artery Stenting for Symptomatic Stenosis in Daily Practice.European journal of vascular and endovascular surgery : the official journal of the European Society for Vascular Surgery. 56, pp.776-782. ISSN 1078-5884. <https://doi.org/10.1016/j.ejvs.2018.07.026>
 - 40 Scientific paper. Jorge Pagola; Jesus Juega; Jaume Francisco-Pascual; et al; Arturo Evangelista; (40/59) Francisco Moniche. 2017. Yield of atrial fibrillation detection with Textile Wearable Holter from the acute phase of stroke: Pilot study of Crypto-AF registry. International Journal of Cardiology. Elsevier {BV}.
 - 41 Scientific paper. Cayuela, A; Cayuela, L; Rodriguez-Dominguez, S; Gonzalez, A; (5/5) Moniche, F. 2017. Analysis of cerebrovascular disease mortality trends in Andalusia (1980-2014).Neurologia (Barcelona, Spain). ISSN 1578-1968.
 - 42 Scientific paper. Fernandez-Cadenas, Israel; Mendioroz, Maite; Giralt, Dolors; et al; Group, GRECOS Study; (24/47) Moniche, Francisco. 2017. GRECOS Project (Genotyping Recurrence Risk of Stroke): The Use of Genetics to Predict the Vascular Recurrence After Stroke.Stroke. 48-5, pp.1147-1153. ISSN 1524-4628. <https://doi.org/10.1161/STROKEAHA.116.014322>
 - 43 Scientific paper. Gonzalez, A.; (2/9) Moniche, F.; Cayuela, A.; et al; Montaner, J.2016. Effect of CYP2C19 Polymorphisms on the Platelet Response to Clopidogrel and Influence on the Effect of High Versus Standard Dose Clopidogrel in Carotid Artery Stenting. EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY. W B SAUNDERS CO LTD. 51-2, pp.175-186. ISSN 1532-2165.
 - 44 Scientific paper. Montaner, Joan; Bustamante, Alejandro; Garcia-Matas, Silvia; et al; Investigators, STARS; (20/23) Moniche, Francisco. 2016. Combination of Thrombolysis and Statins in Acute

Stroke Is Safe Results of the STARS Randomized Trial (Stroke Treatment With Acute Reperfusion and Simvastatin). *Stroke*. 47-11, pp.2870-2873. ISSN 0039-2499.

<https://doi.org/10.1161/STROKEAHA.116.014600>

- 45 Letter. Zapata-Arriaza, Elena; de Alboniga-Chindurz, Asier; Ortega-Quintanilla, Joaquin; et al; Gonzalez Garcia, Alejandro; (5/16) Moniche, Francisco. 2021. Clinical Outcomes of Mechanical Thrombectomy in Stroke Tandem Lesions According to Intracranial Occlusion Location. *JOURNAL OF STROKE*. 23-1, pp.124-+. ISSN 2287-6405.
- 46 Huang, Hongyun; Chen, Lin; Sanberg, Paul R.; et al; Int Assoc Neurorestoratology. 2023. Beijing declaration of International Association of Neurorestoratology (2023 Xi'an version). *JOURNAL OF NEURORESTORATOLOGY*. 11-2. ISSN 2324-2426.
- 47 Huang, Hongyun; Chen, Lin; Sanberg, Paul R.; et al; Int Assoc Neurorestoratology; (26/51) Moniche, Francisco. 2023. Beijing declaration of International Association of Neurorestoratology (2023 Xi'an version). *JOURNAL OF NEURORESTORATOLOGY*. 11. ISSN 2324-2426.
- 48 Pala, Elena; Bustamante, Alejandro; Pagola, Jorge; et al; Montaner, Joan. 2022. Blood-Based Biomarkers to Search for Atrial Fibrillation in High-Risk Asymptomatic Individuals and Cryptogenic Stroke Patients. *FRONTIERS IN CARDIOVASCULAR MEDICINE*. 9. ISSN 2297-055X.
- 49 Garcia-Pastor, A.; Gil-Nunez, A.; Ramirez-Moreno, J. M.; et al; Spanish Cerebrovasc Dis Study Grp. 2022. Endarterectomy, Stenting, or Medical Treatment for Symptomatic Carotid Near-Occlusion: Results from CAOS, a Multicenter Registry Study. *AMERICAN JOURNAL OF NEURORADIOLOGY*. 43. ISSN 0195-6108.
- 50 Barragan-Prieto, Ana; Perez-Sanchez, Soledad; Moniche, Francisco; et al; Montaner, Joan. 2022. Express improvement of acute stroke care accessibility in large regions using a centralized telestroke network. *EUROPEAN STROKE JOURNAL*. 7. ISSN 2396-9873.
- 51 Nguyen TN; Qureshi MM; Klein P; et al; and the SVIN COVID-19 Global Stroke Registry. 2022. Global Impact of the COVID-19 Pandemic on Stroke Volumes and Cerebrovascular Events: A 1-Year Follow-up. *Neurology*. 100, pp.e408-e421. ISSN 0028-3878.
<https://doi.org/10.1212/WNL.0000000000201426>
- 52 Escudero-Martinez, Irene; Mancha, Fernando; Vega, Angela; et al; Montaner, Joan. 2022. Mediterranean Diet and its Effects on Silent Brain Infarcts in a Cohort of Patients With Atrial Fibrillation. *NUTRITION AND METABOLIC INSIGHTS*. 15. ISSN 1178-6388.
- 53 Perez-Sanchez, Soledad; Dominguez-Mayoral, Ana; De Torres-Chacon, Reyes; et al; Montaner, Joan; (10/13) Moniche, Francisco. 2020. Cervical dissection diagnoses increase following endovascular treatments. *JOURNAL OF INTERNATIONAL MEDICAL RESEARCH*. 48. ISSN 0300-0605.
- 54 Garcia-Pastor, Andres; Gil-Nunez, Antonio; Ramirez-Moreno, Jose Maria; et al; Spanish Cerebrovasc Dis Study Grp; (6/23) Moniche, Francisco. 2020. Comment on the article "Symptomatic carotid near-occlusion causes a high risk of recurrent ipsilateral ischemic stroke" by Gu et al. *JOURNAL OF NEUROLOGY*. 267. ISSN 0340-5354.
- 55 Pagola, J.; Juega, J.; Francisco-Pascual, J.; et al; Crypto-AF Study Grp; (11/17) Moniche, F. 2020. Large vessel occlusion is

independently associated with atrial fibrillation detection. EUROPEAN JOURNAL OF NEUROLOGY. ISSN 1351-5101.

- 56 Escudero-Martinez, Irene; Ocete, Rafael F.; Mancha, Fernando; et al; Montaner, Joan; (18/19) Moniche, Francisco. 2020. Prevalence and risk factors of silent brain infarcts in patients with AF detected by 3T-MRI. JOURNAL OF NEUROLOGY. ISSN 0340-5354.
- 57 Escudero-Martínez I; Ocete RF; Mancha F; et al; Montaner J; (18/19) Moniche F. 2020. Prevalence and risk factors of silent brain infarcts in patients with AF detected by 3T-MRI. Journal of neurology. ISSN 0340-5354. <https://doi.org/10.1007/s00415-020-09887-0>
- 58 Perez-Sanchez, Soledad; Barragan-Prieto, Ana; Ortega-Quintanilla, Joaquin; et al; Montaner, Joan; (10/17) Moniche, Francisco. 2020. Sex Differences by Hospital-Level in Performance and Outcomes of Endovascular Treatment for Acute Ischemic Stroke. JOURNAL OF STROKE. 22. ISSN 2287-6391.
- 59 Escudero-Martinez, Irene; Mancha, Fernando; Vega-Salvatierra, Angela; et al; Montaner, Joan; (18/19) Moniche, Francisco. 2019. Mediterranean Diet and Physical Activity Protect from Silent Brain Infarcts in a Cohort of Patients with Atrial Fibrillation. JOURNAL OF STROKE. 21. ISSN 2287-6391.
- 60 Zapata-Arriaza E; (2/15) Moniche F; Blanca PG; et al; Montaner J. 2017. External Validation of the ISAN, A2DS2, and AIS-APS Scores for Predicting Stroke-Associated Pneumonia. Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association. 27, pp.673-676. ISSN 1052-3057. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2017.09.059>

C.3. Research projects and contracts

- 1 Project. PI24/01319, CLONAL-STROKE: Implicaciones pronósticas y terapéuticas de la Hematopoyesis Clonal en el ictus isquémico agudo. Instituto de Salud Carlos III. Francisco Moniche Alvarez. (Complejo Hospitalario Virgen del Rocío). 01/01/202531/12/2027. 121.250 €. Principal investigator.
- 2 Project. PT23/00135, Plataforma ISCIII: Soporte para la Investigación Clínica. Instituto de Salud Carlos III. Jose Antonio Perez Simon. (FUNDACION PUBLICA ANDALUZA PARA LA GESTION DE LA INVESTIGACION EN SALUD DE SEVILLA). 01/01/202331/12/2025. 264.000 €. Team member.
- 3 Project. DTS 2022 DTS22/00078, Uso de un dispositivo rápido de Point-of-Care para el traslado directo de pacientes con ictus desde la ambulancia al centro de trombectomía (LVOCheck™ SPAIN).. Instituto de Salud Carlos III. Joan Montaner Villalonga. (Complejo Hospitalario Virgen del Rocío). 01/01/2023-31/12/2025. 123.200 €. Team member.
- 4 Project. RD21/0006/0015, Enfermedades Vasculares Cerebrales. RICORS-ICTUS.. Instituto de Salud Carlos III. Joan Montaner. (INSTITUTO DE BIOMEDICINA DE SEVILLA). 01/01/2022-31/12/2024. 264.000 €.
- 5 Project. AEI 2021 TED2021-131742B-I00, Desarrollo de una herramienta Bio-Digital para optimizar el manejo del ictus desde las ambulancias al hospital: LVO-CHECK-TOOL. AGENCIA ESTATAL DE INVESTIGACIÓN. Joan Montaner Villalonga. (Complejo Hospitalario Virgen del Rocío). 01/12/202230/11/2024. 106.950 €. Team member.

- 6 Project. CM21/00096, Programa Rio Hortega. Programa Rio Hortega. Francisco Moniche Alvarez. (Complejo Hospitalario Virgen del Rocío). 01/01/2022-31/12/2023. 65.000 €. Principal investigator.
- 7 Project. PAIDI 2020 PY20_01351, Proyecto COMBINA2: COMBINaciones para el tratamiento avanzado del Ictus usando Neuroprotectores y Alimentos en Andalucía. CONSEJERÍA DE UNIVERSIDAD, INVESTIGACIÓN E INNOVACIÓN. Joan Montaner Villalonga. (Complejo Hospitalario Virgen del Rocío). 05/10/2021-31/03/2023. 143.750 €. Team member.
- 8 Project. PIC18/00016, AMASCIS-02. Alogenic Adipose Tissue Derived Mesenchymal Stem Cells in Ischemic Stroke. A Phase IIb Multicenter Double Blind Placebo Controlled Clinical Trial.. (Instituto de Salud Carlos III). 01/01/2019-31/12/2022. 529.100 €. Principal investigator.
- 9 Project. DTS19/00135, Biomarkers for Initiating Onsite and Faster Ambulance Stroke Therapies (BIO-FAST). Instituto de Salud Carlos III. Joan Montaner. (Complejo Hospitalario Virgen del Rocío). 01/01/2020-31/12/2021. 177.100 €. Team member.
- 10 Project. PI18/01414, Eficacia de la inyección intra-arterial de células mononucleadas de médula ósea en ictus isquémico agudo. Ensayo Clínico Adaptativo Fase IIb-III, Multicéntrico, Controlado y Aleatorizado. (Instituto de Salud Carlos III). 01/01/2019-31/12/2021. 123.420 €. Principal investigator.
- 11 Project. RD16/0019/0015, Red de Enfermedades Cerebrovasculares (INVICTUS PLUS) - RETICS. Red Temática de Investigación Cooperativa (RETICS). Francisco Moniche Alvarez. (Complejo Hospitalario Virgen del Rocío). 01/01/2017-31/12/2021. Principal investigator.
- 12 Project. Discovery and clinical usefulness of blood biomarkers in stroke-associated pneumonia. The PROteomics and Transcriptomics in LEUkocyte Subpopulations (PROTEUS) study.. Fundació La Marató de TV3. Alejandro Bustamante. (FUNDACION PUBLICA ANDALUZA PARA LA GESTION DE LA INVESTIGACION EN SALUD DE SEVILLA). 01/01/2018-31/12/2020. 282.492,5 €. Team member.
- 13 Project. PI-0374-2017, Trombectomías para el Ictus en ANDalucía usando Aspiración (TRIANA). Consejería de Salud de la Junta de Andalucía. Alejandro Gonzalez Garcia. (Complejo Hospitalario Virgen del Rocío). 01/01/2018-31/12/2020. 63.525 €. Team member.
- 14 Project. PMP15/00022, Pre-test-STROKE: Personalizing REperfusion Therapeutic Strategies in Stroke (PMP15/00022). Instituto de Salud Carlos III. Montaner J. (FUNDACIO INSTITUT DE RECERCA DE L'HOSPITAL UNIV. VALL D'HEBRON). 01/09/2015-31/08/2020. 836.037,4 €.
- 15 Project. Grant agreement n° 681044, REgenerative Stem cell therapy for STroke in Europe - RESSTORE. European union. H2020. Francisco Moniche Álvarez. (Hospital Virgen del Rocío). 01/09/2015-31/08/2020. 6.338.260 €. Principal investigator.
- 16 Project. PI15/01197, Eficacia de la inyección intra-arterial de células mononucleadas de médula ósea en ictus isquémicos. Ensayo clínico Fase II, multicéntrico, controlado y aleatorizado (IBiS TRIAL). PI15/01197. Instituto de Salud Carlos III. Francisco Moniche Álvarez. (Hospital Universitario Virgen del Rocío). 01/01/2016-31/12/2018. 99.825 €. Principal investigator.
- 17 Project. PI-0144-2016, Identificación de Infartos Cerebrales Silentes en Pacientes Con Fibrilación Auricular Mediante Resonancia Magnética de 3 Teslas: Comparación Con Grupo Control y

Análisis de Biomarcadores. FUNDACION PUBLICA ANDALUZA PROGRESO Y SALUD. Rafael Ocete. (Complejo Hospitalario Virgen del Rocío). 01/01/2017-31/10/2018. 33.925 €. Team member.

18 Project. Eficacia del trasplante autólogo de células mononucleadas de médula ósea en el ictus isquémico. Ensayo Clínico Fase II, Multicéntrico, Controlado y Aleatorizado.. Fundación Mutua Madrileña. Francisco Moniche Álvarez. (Hospital Universitario Virgen del Rocío). 10/06/2015-01/06/2018. 125.762 €. Principal investigator.

19 Project. ALimentos Neuroprotectores Enriquecidos en Omega-3 (ALINEO-3). Ministerio de Economía y Competitividad. (INSTITUTO DE BIOMEDICINA DE SEVILLA). 01/09/2015-31/12/2017. 632.422 €. Team member.

C.4. Activities of technology / knowledge transfer and results exploitation

1 Patent of invention. Francisco Moniche Alvarez; Joan Montaner Villalonga; Juan Antonio Cabezas Hernandez; Alejandro Gonzalez Garcia; Manuel Medina Rodriguez. EP22383074.6. • Uso de Intra-arterial Bone-marrow Mononuclear Cells Infusion en el tratamiento del ictus isquémico agudo Spain. 08/11/2022. Servicio Andaluz de Salud.

2 MARIA DOLORES JIMENEZ HERNANDEZ; CARLOS LUIS PARRA CALDERON; SANDRA LEAL GONZALEZ; ALFREDO PALOMINO GARCIA; FRANCISCO MONICHE ALVAREZ; FRANCISCO JAVIER DE LA TORRE LAVIANA; PATRICIA MARIA BONACHELA SOLAS; GERMAN ANTONIO ESCOBAR RODRIGUEZ. RPI201599902729561. Sistema de eSalud para la atención a pacientes con ictus agudo Spain. 09/12/2015. FISEVI, SAS.

C.5. Stays in public or private R&D centres

Henry Ford Hospital. United States of America. Detroit. 01/05/2008-30/07/2008. Research Fellowship.