PERSONAL INFORMATION

Surname:	Branco de Paiva
First name:	Felipe
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Last update:	September 2025

DEGREES

Medical Doctor (MD) Faculdade de Ciências Médicas da Santa Casa de São Paulo   2009-2014
São Paulo, Brazil
https://fcmsantacasasp.edu.br/english/
(Medical education credentials complete and verified by ECFMG)

LANGUAGE SKILLS

Portuguese (native); English (fluent); German (intermediate); Spanish (intermediate)

CURRENT EMPLOYMENT

PhD Researcher   08/2024-Present
Palva Laboratory (P.I.: Satu Palva, PhD)
Department of Neurosciences - HiLIFE
University of Helsinki

PREVIOUS WORK EXPERIENCE

Postdoctoral Research Associate   2023-2024
American Epilepsy Society (AES) Postdoctoral Fellow
University of Wisconsin-Madison

Research Specialist   2022-2023
University of Wisconsin-Madison (USA)

Guest Researcher   2021-2022
University of Liege (Belgium)
(Remote appointment during the pandemic)

Research Fellow   2017-2019
Cleveland Clinic – Lerner Research Institute (USA)

Visiting Researcher   2016-2017
University of Freiburg (Germany)

CAREER BREAKS

COVID-19 pandemic   2020-2021

Description: The pandemic interrupted my plans to start in a new research position in 2020 in the USA. The situation forced me back to my home country, where I used my free time to prepare for the USMLE examinations.

RESEARCH FUNDING AND GRANTS

American Epilepsy Society Postdoctoral Research Fellowship   2023-2024

Amount: $50.000,00 for salary support

Duration: 1 year (July 1, 2023 - June 30, 2024)

P.I.: Felipe Branco de Paiva, MD

RESEARCH OUTPUT - PAPERS

1. David I, Sasai S, **de Paiva FB**, et al. Distance- and Hierarchy-Dependent Functional Dysconnectivity in Schizophrenia and Its Association with Cortical Microstructure. *medRxiv*. 2025. doi:10.1101/2025.07.28.25332321

2. Chung MK, Ramos CG, **De Paiva FB**, et al. Unified topological inference for brain networks in temporal lobe epilepsy using the Wasserstein distance. *NeuroImage*. 2023;284:120436. doi:10.1016/j.neuroimage.2023.120436

3. **De Paiva FB**, Campbell BA, Frizon LA, et al. Feasibility and performance of a frameless stereotactic system for targeting subcortical nuclei in nonhuman primates. *J Neurosurg*. 2020;134(3):1064-1071. doi:10.3171/2019.12.JNS192946

RESEARCH OUTPUT - TALKS

1. De Paiva FB, Maldonado-Naranjo A, Campbell B, Machado AG, Baker KB. Novel Patterns of Deep Brain Stimulation (DBS): Preclinical Studies in the MPTP Non-Human Primate Model of Parkinson's Disease. 2019 AANS Annual Scientific Meeting. April 13-17, 2019, San Diego, CA.

2. De Paiva FB, Maldonado-Naranjo A, Campbell B, Machado AG, Baker KB. Efficacy and Mechanisms of Novel Patterns of Deep Brain Stimulation (DBS). 2018 Joint Meeting of Neuromodulation: The Science. November 3-6, 2018, Cleveland, OH.

RESEARCH OUTPUT – SELECTED POSTERS

1. **De Paiva FB**, Chung MK, Struck AF. EEG Network Topology in Juvenile Myoclonic Epilepsy (JME). 2023 American Epilepsy Annual Meeting. December 1-5, 2023, Orlando, USA.

2. Monai E, **De Paiva FB**, Riedner B, Sevak B, Tononi G, Boly M, Baird B. Inception: Phase-Amplitude Coupling Predicts Incorporation of External Stimuli into Dreams. Annual Meeting of the Society for Neuroscience. November 11-16, 2022, San Diego, USA.

3. **De Paiva FB**, Mottaghi S, Dobrossy MD, Coenen VA. Dynamics of Local Field Potential Activity Recorded in the Ventral Tegmental Area and the Nucleus Accumbens in a Rodent Model of Depression. 17th Quadrennial Meeting of the World Society for Stereotactic and Functional Neurosurgery. June 26-29, 2017, Berlin, Germany.