

Curriculum Vitae



Thiago Paranhos

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Education:

6/2016-7/2022	Doctor of Medicine	Federal University of Rio de Janeiro, Rio de Janeiro, Brazil
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Postdoctoral Training:

01/2024-current	Postdoctoral Research Fellow	Frontotemporal Dementia Unit, Massachussets General Hospital
06/2024 – 06/2025	Research Education Component (REC) Postdoctoral Fellow	Masschussets Alzheimer’s Disease Research Center (MADRC)

United States Medical Licensing Examination:

03/2021	STEP 1	Score: 249
06/2023	STEP 2	Score: 271
06/2025	OET	PASS

US Clinical Experience:

6/2022-7/2022	Neurocritical Care Observership	Rush University, Chicago, IL
7/2022-8/2022	Neurology Clerkship	Northwestern University, Chicago, IL
5/2025-current	MGH TMS Clinic Observership	Mass General Hospital, Boston, MA

Research Experience:

6/2017-7/2022	Research Trainee, Department of Clinical Neurosciences	D'Or Institute for Research and Education, Rio de Janeiro, Brazil
12/2017-02/2018	Research Trainee, Cognitive Neuroscience Lab	Shirley Ryan Ability Lab, Chicago, IL, US

Professional Experience:

09/2022-6/2023	Attending Primary Care Physician	Primary Care Clinic Rinaldo de Lamare, Rocinha, Rio de Janeiro, Brazil
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Professional Societies:

2025-2026	International Society to Advance Alzheimer's Research and Treatment (ISTAART)	Member
2025-2026	American Academy of Neurology	Member
2025-2026	American Academy of Neuropsychiatry	Member

Honors and Prizes:

2025	Best Poster Award for “ <i>Intermittent Theta Burst Transcranial Magnetic Stimulation improves language and functional connectivity in Primary Progressive Aphasia</i> ”	American Neuropsychiatric Association Annual Meeting
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Report of Scholarship

ORCID: 0000-0001-6489-1955

Research Investigations:

- Touroutoglou A, Katsumi Y, Rezaii N, **Paranhos T**, Jones A, Hochberg D, Quimby M, Henderson SK, Wong B, Brickhouse M, Camprodon JA, Dickerson BC, Eldaief MC. Transcranial magnetic stimulation improves language and language network functional connectivity in a patient with logopenic primary progressive aphasia. *Brain Stimul.* 2024 Nov-Dec;17(6):1213-1215. doi: 10.1016/j.brs.2024.10.002.
- Katsumi Y, Krahn E, **Paranhos T**, Brickhouse M, Rosen HJ, Touroutogloy T, Dickerson B.C, Eldaief M. Network-based cortical atrophy predicts longitudinal clinical decline in sporadic behavioral variant frontotemporal dementia. *Alzheimer's & Dementia.* 2025. *Acception for publication.*
- Baptista JM, Brenner LBO, Koga JV, Ohannesian VA, Ito LA, Nabarro PH, Santos LP, Henrique A, de Oliveira Almeida G, Berbet LU, **Paranhos T**, Nespoli V, Bertani R. Radiomics, machine learning, and deep learning for hippocampal sclerosis identification: a systematic review and diagnostic meta-analysis. *Epilepsy Behav.* 2025 Jul 29;171:110624. doi: 10.1016/j.yebeh.2025.110624.
- de Oliveira-Souza R, **Paranhos T**, Moll J, Grafman J. Gender and Hemispheric Asymmetries in Acquired Sociopathy. *Front Psychol.* 2019 Mar 19;10:346. doi: 10.3389/fpsyg.2019.00346.
- Navarro PA, **Paranhos T**, Lovo E, De Oliveira-Souza R, Gorgulho AA, De Salles A, López WOC. Safety and Feasibility of Nucleus Accumbens Surgery for Drug Addiction: A Systematic Review. *Neuromodulation.* 2021 Jan 18. doi: 10.1111/ner.13348.

Abstracts, Poster Presentations, and Exhibits Presented at Professional Meetings:

- **Paranhos T**, Du A, Nneka W, Rezaii N, Hochberg D, Quimby M, Wong B, Katsumi Y, Dickerson B.C, Eldaief M.C, Touroutoglou A. Transcranial Magnetic Stimulation improves semantic knowledge and language network functional connectivity in svPPA. **Poster** presented at the International Conference for Frontotemporal Dementias, Amsterdam, Netherlands. September 2024.
- **Paranhos T**, Du A, Nneka W, Hochberg D, Quimby M, Rezaii N, Wong B, Dickerson B.C, Eldaief M.C, Touroutoglou A. Intermittent Theta Burst Transcranial Magnetic Stimulation improves language and functional connectivity in Primary Progressive Aphasia. **Poster** presented at the American Neuropsychiatric Association, Montreal, Canada. March 2025.
- **Paranhos T**, Du A, Nneka W, Hochberg D, Quimby M, Rezaii N, Wong B, Dickerson B.C, Eldaief M.C, Touroutoglou A. Intermittent Theta Burst Transcranial Magnetic Stimulation improves language and functional connectivity in Primary Progressive Aphasia. **Oral presentation** at the American Academy of Neurology Annual Meeting, San Diego, United States of America. April 2025.
- **Paranhos T**, Katsumi Y, Brickhouse M, Eckbo R, Eloyan A, Nudelman K.N, Foroud T, Dage J.L, Carrillo M.C, Rabinovici G.D, Apostolova L, Dickerson B.C, Touroutoglou A. EOAD-Signature Atrophy Predicts Progression To Dementia In Patients With Early-Onset MCI Due To Alzheimer's Disease. **Poster** presented at the Alzheimer's Association International Conference, Toronto, Canada. July 2025.
- Du A, **Paranhos T**, Wong B, Watson N, Hochberg D, Quimby M, Katsumi Y, Dickerson B.C, Eldaief M.C, Touroutoglou A. Intermittent Theta Brust Stimulation Enhances Brain Network Connectivity in a patient with

Posterior Cortical Atrophy. **Poster** presented at the Alzheimer's Association International Conference, Toronto, Canada. July 2025.

•Krahn E, Katsumi Y, **Paranhos T**, Brickhouse M, Rosen HJ, Touroutogloy T, Dickerson B.C, Eldaief M. Network-based cortical atrophy predicts longitudinal clinical decline in sporadic behavioral variant frontotemporal dementia. **Poster** presented at the Alzheimer's Association International Conference, Toronto, Canada. July 2025.

• Lopes P, Prado C, **Paranhos T**, Nunes JC, de Oliveira-Souza R. The Neurology of Acquired Pedophilia. 2021 American Psychiatric Association Annual Meeting. May 2021

• de França GC, Barreto HCB, **Paranhos T**, de Oliveira-Souza R. Estupor Catatônico na Demência Frontotemporal. Congress on Brain, Behavior and Emotions 2021. August 2021

• Barreto HCB, de França GC, **Paranhos T**, de Oliveira-Souza R. Catatonia: Clinical Relevance and Pitfalls. XXIX Congresso Brasileiro de Neurologia. September 2021

• Batista S, Pinheiro A, Simoni G, Bertoli E.D, **Paranhos T**, Jumah A. Mechanical thrombectomy for low NIHSS in anterior circulation large vessel occlusion: a pooled analysis. SNIS 21st Annual Meeting Abstracts. July 2024

Case reports:

• de França GC, Barreto HCB, **Paranhos T**, Nunes JC, de Oliveira-Souza R. Case Report: Catatonic Stupor in Behavioral Variant Frontotemporal Dementia. *Front Neurol*. 2022 Jan 18;12:798264. doi: 10.3389/fneur.2021.798264.

• **Paranhos T**, Lucas T, de Salles A, Moll J, de Oliveira-Souza R. A presumptive association between obsessive compulsions and asymmetric temporal lobe atrophy: a case report. *J Med Case Rep*. 2022 Jan 20; 16(1): 21. doi: 10.1186/s13256-021-03228-z.

•Brandão MA, **Paranhos T**, Hummel T, de Oliveira-Souza R. Bilateral hypogeusia and food aversion due to lacunar infarct in the right dorsomedial pontine tegmentum. *Neurocase*. 2024 Apr;30(2):55-62. doi: 10.1080/13554794.2024.2353391. Epub 2024 May 18. PMID: 38762763.

Book chapters:

• De Salles A, Lucena L, **Paranhos T**, Ferragut MA, Oliveira-Souza R, Gorgulho A. Modern Neurosurgical Techniques for Psychiatric Disorders. In: *Neurosurgical Management of Psychiatric Disorders*. Eds. Chernov MF, Rzaev JA, Martinez-Alvarez R. Elsevier, 2022.

• De Salles A, **Paranhos T**, Barbosa DAN, de Oliveira-Souza R, Gorgulho A. Tratamento Neurocirúrgico do Transtorno Obsessivo Compulsivo e Depressão Maior Refratária. *Tratado de Neurocirurgia Funcional*. 2022.

• de Oliveira-Souza R, **Paranhos T**, Mussi M, Moll J. Executive Functions. In: *Neuroscience of the Mind and Behavior*. Eds: Roberto Lent. Guanabara. 2023

