Curriculum Vita

Personal information

Name	PD Dr. med. Marcus D`Souza
Nationality	Swiss
Marital status	married (to PD Dr. med. Athina Papadopoulou, Neurologist), one son (born 09/12) and one daughter (born 12/18)

Education

06/2021	Habilitation (venia docendi) at the University Hospital Basel
01/2012	FMH-Board Certification Neurology
11/2009	SGKN Certification Electroneuromyography

Employment history

since 01/2022	CEO Neurostatus-UHB AG
since 02/2018	Researcher at the Neurocure Clinical Research Center, Charite, Berlin (D)
since 10/2011	Attending physician in the Clinic of Neurology, University Hospital Basel
09/16 – 12/21	Head Neurostatus-UHB, University Hospital Basel
10/10 - 09/11	University Hospital Basel, Switzerland, Medicine
01/07 - 09/10	University Hospital Basel, Switzerland, Neurology
02/05 - 11/06	University Hospital Basel, Switzerland, Psychiatry

Most relevant current scientific activities / ongoing projects

2026	Principal Investigator Phase III CHTT227A12301 (Huntington disease). Neurology, University Hospital Basel
2026-	Home-based Virtual Reality (VR) Headset-based dexterity training in Huntington disease: a randomized-controlled trial. Neurology, University Hospital Basel
2026-	Home-based Virtual Reality (VR) Headset-based dexterity training in multiple sclerosis: a randomized-controlled trial. Collaborative research project with the Depatment of Neurology Cantonal Hospital, Luzern.
2023-	AI-assisted identification of disability patterns within complete Neurostatus-(e)EDSS assessmenrts (eCluster and eProfiling) (https://pubmed.ncbi.nlm.nih.gov/40248861/).
2023-	Principal Investigator Phase III BN42489 (Huntington disease). Neurology, University Hospital Basel
2022-2025	SMARTCARE: Swiss multicenter, randomized, cross-over study comaring Non-Neurologist Health Care Professionals (HCPs) with trained neurologists whether they are able to perform the standardised Neurostatus-(e)EDSS assessments of similar quality and reliability (https://pubmed.ncbi.nlm.nih.gov/39704409/). Follow-up in progress.
2023-	Collaborative research project with ICT at the University Hospital Basel: Digitalisation and standardisation of the dataflow at the outpatient clinics; eCapture – a pilot project
2018-2022	Co-Investigator Phase III RO 7234292 (Huntington disease). Neurology, University Hospital Basel.

Publications (selection)

https://pubmed.ncbi.nlm.nih.gov/?term=D%27Souza+M&cauthor_id=32179483

Committees, Editorial activities and Memberships

Member of the FMH Neurology Examination Committee (Switzerland)
Deputy Delegate to the FMH Digitalization Forum (Switzerland)
OSCE Examiner for medical students (University of Basel, Switzerland)

Section Editor for Measurement / quality of life; «Multiple Sclerosis and related disorders" (MSARD)

Co-Founder of Building Bridges (combining Neuroscience with Art & Music)
Foederatio Medicorum Helveticorum FMH
Schweizerische Gesellschaft für Neurologie SNG
Schweizerische Gesellschaft für Elektrophysiologie SGKN
European Huntington Disease Network EHDN (digital workinggroup lead facilitator)
Schweizerische Huntington Vereinigung SHV (Medizinischer Beirat)
Schweizer Multiple Sklerose Gesellschaft SMSG (full member and digitales Advisory Board)
Deutsche Gesellschaft für Neurologie DGN
American Academy of Neurology AAN

Basel, June 2026



Marcus D'Souza

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