

## Curriculum Vita

### Personal Information

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Name PD Dr. med. Marcus D`Souza  
 Date of Birth 5<sup>th</sup> of July 1969  
 Nationality German  
 Marital status married (to PD Dr. med. Athina Papadopoulou, Neurologist), one son (born 09/12) and one daughter (born 12/18)

### Education

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06/2021 Habilitation (venia docendi) at the University Hospital Basel  
 01/2012 FMH-Board Certification Neurology  
 11/2009 SGKN Certification Electroneuromyography  
 04/1993-12/1997 Doctoral thesis at the Institute of Human Genetics, Ruhr-University-Bochum (D): "Immungenetische Prädispositionsfaktoren der Multiplen Sklerose". (Advisor: Prof. Dr. J.T. Epplen)  
 10/91 - 11/02 Medical School Ruhr-University-Bochum, Bochum, Germany (with career break from 1998-2001; death of father)  
 1995 Department of Human Genetics, Mount Sinai School of Medicine, New York City, USA

### Employment History

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since 01/2022 CEO Neurostatus-UHB AG  
 since 01/2020 Lead Neurology Innovation Projects, CMIO-Team, University Hospital Basel  
 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  
 01/03 - 01/05 University Hospital "St. Josef Spital", Bochum, Germany, Neurology

### Main Scientific Activities

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2022- Collaborative research project with RC2NB, supported by Novartis: Development and validation of a video-assisted assessment to capture disability in MS, the Neurostatus-SMARTCARE  
 2020- Collaborative research project with ICT at the University Hospital Basel: Digitalisation and standardisation of the dataflow at the outpatient clinics; eCapture – a pilot project  
 2019- Research grant from Roche, Merck and Sanofi for the project: "Development of an e-learning platform"  
 2019- Research grant from Novartis Pharma AG, Basel for the project: "Development of a new clinical progression marker in MS"  
 2017-2019 Research grant from "Fonds zur Förderung von Innovations-Transfer Universitätsspital Basel": Development of an eEDSS App  
 2018-2022 Co-Investigator Phase III RO 7234292 (Huntington disease). Neurology, University Hospital Basel  
 2017-2021 (co-applicant) Research grand from the Swiss Multiple Sclerosis Society: Evaluation of the reliability and validity of the Modified Manual Muscle Test for persons with MS

2013-	Collaborative research project with Microsoft research Cambridge, UK, and support from Novartis: Validation of a Kinect-based Motion Capturing device for a quantitative analyse of disability in MS. Neurology, University Hospital Basel
2011- 2013	Development and validation of an electronic data capturing system for EDSS assessments in MS: Neurostatus e-Scoring. Neurology, University Hospital Basel
2010-2012	Research grand from the Swiss Multiple Sclerosis Society: Characterization of lymphocyte subsets in patients with MS treated with oral fingolimod
2007-2013	Study-Physician on combined visual, motor and somatosensory evoked potentials as markers of the disease course in patients with relapsing remitting and primary progressive MS. Neurology, University Hospital Basel
2007-2013	Development of electronic / audiovisual and web-based teaching and certification tools for Training of Neurologists in international therapeutic studies in MS. Neurology, University Hospital Basel
2007-2010	Active Participation in the Study, supported by the Swiss National Science Foundation: "The effects of a cognitive-behavioural mindfulness intervention upon quality of life, depression and fatigue among MS patients". Neurology, University Hospital Basel

#### Awards

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1. Preis Tag der klinischen Forschung am 22.01.15., University Hospital Basel

#### Main Teaching Activities

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2019-	Examinator Schweizer Facharztprüfung Neurologie mündlicher Teil
2019-	Supervision of a medical master thesis at the Neurology, University Hospital Basel: "Motorik, Kognition, Emotionen und Verhaltenskontrollstörung in Zusammenhang mit der Lebensqualität bei Patienten mit der Huntington Krankheit"
2017-	"OSCE" Examinator "Prüfung für die Eidgenössische Schlussprüfung Medizin"
2016-	Lectures at the University of Basel, Faculty of Psychology; topics: "Neurostatus" and "Huntington Disease")
2015	Organisator and Lecturer of the first "Schweizer Huntington Symposium" in Olten
2013-	Organisator and Lecturer of the "Neuroseminar" for medical students. Neurology, University Hospital Basel
2013-	"OSCE" Examinator "Neurologie"
2013-	Lecturer of: "Thementag Gen-Medizin des 1. JK". University of Basel, Faculty of Medicine
2012-	Lectures at the University of Basel, Faculty of Medicine; topics: "Neurostatus" and "hyperkinetic disorders").
2007-	Teaching (Skills Training, PoT and TSCR). University of Basel, Faculty of Medicine
2007-	Training of Neurologist for assessment of disability in MS international therapeutic studies

## Memberships

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Co-Founder of Building Bridges (combining Neuroscience with Art & Music)  
Foederatio Medicorum Helveticorum FMH  
Schweizerische Gesellschaft für Neurologie SNG  
Schweizerische Gesellschaft für Elektrophysiologie SGKN  
Schweizerische Huntington Vereinigung SHV (Medizinischer Beirat)  
Schweizer Multiple Sklerose Gesellschaft SMSG (digitales Advisory Board)  
Deutsche Gesellschaft für Neurologie DGN  
American Academy of Neurology AAN

Basel, July 2022

Marcus D'Souza

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*Marcus D'Souza*  
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