

Prof. Dr. Dr. Markus Donix

Persönliche Informationen

Geburtsdatum 11.10.1977
Familie verheiratet, 3 Kinder

Schule, Studium

1998 – 2004 Studium der Humanmedizin,
 Technische Universität Dresden
 1996 Abitur, St. Benno-Gymnasium Dresden



Aufgaben und klinische Qualifikationen

- Direktor, Universitäts DemenzCentrum - UDC
- Stellv. Direktor, Klinik und Poliklinik für Psychiatrie und Psychotherapie
- Facharzt für Psychiatrie und Psychotherapie
- Zusatzbezeichnung Geriatrie
- Gerontopsychiatrie, -psychotherapie und -psychosomatik (DGPPN/DGGPP)
- Qualifikation zur fachgebundenen genetischen Beratung (SLÄK)

Wissenschaftliche Stationen

2017 – Professur (W2) für Gerontopsychiatrie mit Schwerpunkt Demenzforschung,
 Medizinische Fakultät Carl Gustav Carus, TU Dresden

2013 – 2017 Juniorprofessur (W1) für Translationale Psychiatrie, Medizinische Fakultät Carl
 Gustav Carus, TU Dresden

2010 – Wissenschaftlicher Kooperationspartner, Deutsches Zentrum für
 Neurodegenerative Erkrankungen (DZNE) in der Helmholtz-Gemeinschaft

2008 – 2010 Postdoctoral fellow, David Geffen School of Medicine, Semel Institute for
 Neuroscience and Human Behavior, Los Angeles, USA

Publikationen

Dissertationen

Dr. med.: Vergleichende autoradiografische Untersuchungen zum 5-HT_{1A}- und 5-HT_{2A}-Rezeptor an drei verschiedenen Mäusestammlinien unter besonderer Berücksichtigung isolationsbedingter Aggressivität. Gebiet: Psychiatrie und Psychotherapie/Neurobiologie, TU Dresden, 2006

Dr. rer. medic.: APOE genotype and hippocampal structure in aging and neuropsychiatric disease. Gebiet: Neurogeriatrie. TU Dresden, 2019

Zeitschriftenartikel (peer-reviewed)

1. Haussmann R, Krug C, Noppes F, Brandt MD, Lange J, **Donix M**. Forensisch-psychiatrische Relevanz von Demenzerkrankungen. *Nervenarzt* 2021 accepted
2. Hofbauer L, Brandt MD, Haussmann R, **Donix M**. Delir bei Covid-19 – Risikofaktoren und Behandlung. *Ärzteblatt Sachsen* 2021 accepted
3. **Donix M**, Wittig D, Hermann W, Haussmann R, Dittmer M, Bienert F, Buthut M, Jacobi L, Werner A, Linn J, Ziemssen T, Brandt MD. Relation of retinal and hippocampal thickness in patients with amnesic mild cognitive impairment and healthy controls. *Brain Behav* 2021 accepted
4. Haussmann R, **Donix M**, Bauer M, von Bonin S, Lewitzka U. Case of severe acute-on-chronic lithium intoxication with 8.6 mmol/l and prompt hemodialysis. *Pharmacopsychiatry* 2020; 53(5):235-236
5. Haussmann R, Nilles F, Sauer C, von Lieres und Wilkau AFE, Donix KL, **Donix M**. Familial risk of dementia and mediators of memory clinic referrals. *Psychogeriatrics* 2020; 20(5):790-791
6. Haussmann R, von Lieres und Wilkau AFE, Sauer C, Nilles F, **Donix M**. Impact of cognitive reserve on clinical and neuropsychological measures in patients with mild cognitive impairment. *Australas Psychiatry* 2020; 28(4):386-390
7. Haussmann R, Sauer C, von Lieres und Wilkau AFE, **Donix M**. Education correction for neurocognitive testing. *Psychogeriatrics* 2020; 20(2):237-238
8. Haussmann R, Mudra T, Sauer C, von Bonin S, **Donix M**, Bauer M, Lewitzka U. Analyse zu Risikofaktoren, Ätiologie und Behandlungsstandard der Lithiumintoxikation – eine klinikinterne Datenanalyse. *Nervenarzt* 2020; 91(1):57-63
9. **Donix M**, Farewell to a teacher. *MedEdPublish* 2019, <https://doi.org/10.15694/mep.2019.000198.1>
10. Haussmann R, Sauer C, Birnbaum A, **Donix M**. Gender differences in the perception of cognitive decline. *Asian J Psychiatr* 2019; 46:6
11. Haussmann R, Mayer-Pelinski R, Beier F, Lange J, Neumann S, **Donix M**. Neurocognitive profiles in affective und amnesic mild cognitive impairment. *SN Compr Clin Med* 2019; 1(12):1009-1014

12. Bauer M, Glenn T, Alda M, Andreassen OA, Angelopoulos E, Arda R, Baethge C, Bharathram SR, Bauer R, Baune BT, Becerra-Palars C, Bellivier F, Belmaker RH, Berk M, Bersudsky Y, Bickaci Ş, Birabwa-Oketcho H, Bjella TD, Cabrera J, Cheung EYW, Del Zompo M, Dodd S, **Donix M**, Etain B, Fagiolini A, Fountoulakis KN, Frye MA, Gonzalez-Pinto A, Gottlieb JF, Grof P, Harima H, Henry C, Isometsä ET, Janno S, Kapczinski F, Kardell M, Khaldi S, Kliwicky S, König B, Kot TL, Krogh R, Kunz M, Lafer B, Landén M, Larsen ER, Lewitzka U, Licht RW, Lopez-Jaramillo C, MacQueen G, Manchia M, Marsh W, Martinez-Cengotitabengoa M, Melle I, Meza-Urzuá F, Yee Ming M, Monteith S, Morken G, Mosca E, Mozzhegorov AA, Munoz R, Mythri SV, Nacef F, Nadella RK, Nery FG, Nielsen RE, O'Donovan C, Omrani A, Osher Y, Østermark Sørensen H, Ouali U, Pica Ruiz Y, Pilhatsch M, Pinna M, da Ponte FDR, Quiroz D, Ramesar R, Rasgon N, Reddy MS, Reif A, Ritter P, Rybakowski JK, Sagduyu K, Scippa ÂM, Severus E, Simhandl C, Stackhouse PW Jr., Stein DJ, Strejilevich S, Subramaniam M, Sulaiman AH, Suominen K, Tagata H, Tatebayashi Y, Tondo L, Torrent C, Vaaler AE, Veeh J, Vieta E, Viswanath B, Yoldi-Negrete M, Zetin M, Zgueb Y, Whybrow PC. Association between solar insolation and a history of suicide attempts in patients with bipolar I disorder. *J Psychiatry Res* 2019; 113:1-9
13. Haussmann R, Sauer C, Neumann S, Zweiniger A, Lange J, **Donix M**. Folsäure- und Vitamin 12-Bestimmung in der Diagnostik kognitiver Störungen - Übersicht und Datenanalyse einer universitären Gedächtnisambulanz. *Nervenarzt* 2020; 91(1):57-63
14. Petrowski K, Wintermann GB, Hübner T, Smolka, MN, **Donix M**. Neural Responses to Faces of Attachment Figures and Unfamiliar Faces: Associations With Organized and Disorganized Attachment Representations. *J Nerv Ment Dis* 2019; 207(2):112-120
15. **Donix M**, Haussmann R, Helling F, Zweiniger A, Werner A, Linn J, Bauer M, Buthut M. Risk factors for dementia are not associated with cognitive dysfunction in young people with major depressive disorder. *J Affect Dis* 2019; 245:140-144
16. **Donix M**, Haussmann R, Helling F, Zweiniger A, Lange J, Werner A, Donix KL, Brandt MD, Linn J, Bauer M, Buthut M. Cognitive impairment and medial temporal lobe structure in young adults with a depressive episode. *J Affect Dis* 2018; 237:112-117
17. Haussmann R, Ganske S, Gruschwitz A, Werner A, Osterrath A, Lange J, Buthut M, Donix KL, Linn J, **Donix M**. Family history of Alzheimer's disease and subjective memory performance. *Am J Alzheimers Dis Other Demen* 2018; 33(7):458-462
18. Haussmann R, Mayer-Pelinski R, Borchardt M, Beier F, Helling F, Buthut M, Meissner G, Lange J, Zweiniger A, **Donix M**. Extrinsic and intrinsic help-seeking motivation in the assessment of cognitive decline. *Am J Alzheimers Dis Other Demen* 2018; 33(4): 215-220
19. Buthut M, Haussmann R, Krause M, **Donix M**. Kognitive Defizite nach Ganzhirnbestrahlung von Hirntumoren. *Nervenarzt* 2018; 89(4):423-430
20. Bauer M, Glenn T, Alda M, Aleksandrovich MA, Andreassen OA, Angelopoulos E, Arda R, Baethge C, Bauer R, Baune BT, Becerra C, Bellivier F, Belmaker RH, Berk M, Bersudsky Y, Birabwa-Oketcho H, Bjella TD, Bossini L, Cabrera J, Del Zompo M, Dodd S, **Donix M**, Etain B, Ezer S, Fagiolini A, Fountoulakis KN, Frye MA, Gonzalez-Pinto A, Gottlieb JF, Grof P, Harima H, Henry C, Isometsä ET, Janno S, Kapczinski F, Kardell M, Khaldi S, Kliwicky S, König B, Kot TL, Krogh R, Kunz M, Lafer B, Landen M, Larsen ER, Lewitzka U, Licht RW, Lopez-Jaramillo C, MacQueen G, Manchia M, Marsh W, Martinez-Cengotitabengoa M, Melle I, Ursúa FM, Ming MY, Monteith S, Morken G, Mosca E, Munoz R, Nadella RK, Nery FG, Nielsen RE, O'Donovan C, Olofsson H, Omrani A, Osher Y, Sørensen HØ, Ouali U, Ruiz YP, Pilhatsch M, Pinna M, Quiroz D, Rabelo D, Ram B, Ramesar R, Rasgon N, Reddy MS, Reif A, Ritter P, Rybakowski JK, Sagduyu K, Scippa ÂM, Severus E, Simhandl C, Stein DJ, Strejilevich S, Subramaniam M, Sulaiman AH, Suominen K, Tagata H, Tatebayashi Y, Tondo L, Torrent C, Veeh J, Vieta E, Vijay S, Viswanath B, Cheung EYW, Yoldi M, Zetin M, Zgueb Y, Whybrow PC. Solar insolation in spring-time influences age of onset of bipolar disorder. *Acta Psychiatr Scand* 2017; 136(6):571-582
21. Haussmann R, Buthut M, **Donix M**. Driving problems in the elderly and cognitively impaired. *Pharmacopsychiatry*. 2017; 50(5):197-202
22. Schneider CB*, **Donix M***, Linse K, Werner A, Fauser M, Klingelhoefer L, Löhle M, von Kummer R, Reichmann H, Storch A. Accelerated age-dependent hippocampal volume loss in Parkinson's disease with mild cognitive impairment. *Am J Alzheimers Dis Other Demen* 2017 Sep; 32(6):313-319

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24. Haussmann R, Wysocki M, Brandt MD, Hermann A, **Donix M**. MAPT mutation associated with frontotemporal dementia and parkinsonism (FTDP-17). *Int Psychogeriatr* 2017; 29(5):869-871
25. Haussmann R, Werner A, Gruschwitz A, Osterrath A, Lange J, Donix KL, Linn J, **Donix M**. Precuneus structure changes in amnesic mild cognitive impairment. *Am J Alzheimers Dis Other Demen* 2017; 32(1):22-26
26. Haussmann R, **Donix M**. Memantin als Add-on-Medikation zusätzlich zu einer bestehenden Acetylcholinesteraseinhibitor-Therapie in der Behandlung der Alzheimer-Demenz. *Nervenarzt* 2017;88(1):40-45
27. Haussmann R, Wagner T, Müller D, Bauer M, Laux G, **Donix M**. Beurteilung der Fahrtauglichkeit bei Patienten mit MCI und demenziellen Syndromen. *Nervenarzt* 2017; 88(3):247-253
28. **Donix M**. Our hidden patients. *J Am Geriatr Soc* 2017;65(1):221
29. Haussmann R, **Donix M**. Disclosing Pleiotropic Effects During Genetic Risk Assessment for Alzheimer Disease. *Ann Intern Med* 2016; 165(9):673
30. Haussmann R, Meissner G, Linn J, Hackmann K, Betcheva-Krajcir E, Tzschach A, **Donix M**. Chromosome aberration associated with hippocampal impairment. *Psychiatry Res* 2016; 254:1-2
31. Jessen F, *Konsensusgruppe*. Alzheimer-Krankheit, Neukonzeption vor dem Hintergrund aktueller Biomarkerforschung. *Dtsch Arztl* 2016; 113(21):1028–30
32. Ganske S, Haussmann R, Gruschwitz A, Werner A, Gerner A, Baumgaertel J, Lange J, Donix KL, Linn J, **Donix M**. Family history of Alzheimer's disease and cortical thickness in patients with dementia. *Am J Alzheimers Dis Other Demen* 2016; 31(5):450-456
33. Baumgaertel J, Haussmann R, Gruschwitz A, Werner A, Gerner A, Lange J, Donix KL, Linn J, **Donix M**. Cognitive reserve and genetic risk modulate hippocampal structure in Alzheimer's disease. *Aging Dis.* 2016; 7(5):553-560
34. **Donix M**, Bauer M. Population Studies of Association Between Lithium and Risk of Neurodegenerative Disorders. *Curr Alzheimer Res* 2016; 13(8):873-878
35. Haussmann R, Bauer M, **Donix M**. Das nichtentzugsbedingte Delir – Evidenz zu Therapie und Prävention. *Nervenarzt* 2016; 87(5):534-542
36. Haussmann R, Bauer M, **Donix M**. Evidenz zur Behandlung der Parkinson-assoziierten Psychose. *Nervenarzt* 2016; 87(5):543-551
37. Brandt MD, Brandt K, Werner A, Schönfeldt R, Loewenbrück K, **Donix M**, Bornhäuser M, von Kummer R, Leplow B, Storch A. Radio-chemotherapy impairs plasticity-related metabolites in the hippocampus but not spatial memory. *Brain Behav* 2015; 5(9):e00368
38. **Donix M**. We should talk about this. *Am J Psychiatry* 2015; 172(7):614-615
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41. Petrowski K, Wintermann GB, Smolka MN, Huebner T, **Donix M**. The neural representation of emotionally neutral faces and places in patients with panic disorder with agoraphobia. *J Affect Disorders* 2014;152-154:454-61

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43. **Donix M,** Scharf M, Marschner K, Werner A, Sauer C, Gerner A, Nees JA, Meyer S, Donix KL, von Kummer R, Holthoff VA. Cardiovascular risk and hippocampal thickness in Alzheimer's disease. *Int J Alzheimers Dis* 2013; 2013:108021
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46. **Donix M.** The evening seminar. *Ann Intern Med* 2013; 159(6):432
47. **Donix M,** Jurjanz L, Meyer S, Amanatidis EC, Baeumler D, Poettrich K, Huebner, T, Smolka MN, Holthoff VA. Functional imaging during recognition of personally familiar faces and places in Alzheimer's disease. *Arch Clin Neuropsychol* 2013; 28(1):72-80
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49. **Donix M,** Small GW, Bookheimer SY. Family history and APOE-4 genetic risk in Alzheimer's disease. *Neuropsychol Rev* 2012; 22(3):298-309
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57. **Donix M,** Pöttrich K, Weiss PH, Werner A, von Kummer R, Fink GR, Holthoff VA. Age-dependent differences in the neural mechanisms supporting long-term declarative memories. *Arch Clin Neuropsychol* 2010; 25(5): 383-95
58. **Donix M,** Burggren AC, Suthana NA, Siddarth P, Ekstrom AD, Krupa AK, Jones M, Martin-Harris L, Ercoli LM, Miller KJ, Small GW, Bookheimer SY. Family History of Alzheimer's Disease and Hippocampal Structure in Healthy People. *Am J Psychiatry* 2010; 167(11):1399-1406

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65. Schiller L, **Donix M**, Jähkel M, Oehler J. Serotonin 1A and 2A receptor densities, neurochemical and behavioural characteristics in two closely related mice strains after long-term isolation, *Prog Neuro-Psychoph* 2006, 30(3): 492-503

Buchkapitel

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- **Donix M**, Bookheimer SY, Small GW: Physiological Neuroimaging in Aging and Dementia: Metabolic and Molecular Scanning. In: Kumar, A (Eds.): Principles and Practice of Geriatric Psychiatry, 3rd Ed. 2010, pp. 257-261. John Wiley & Sons, New York
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- Schiller L, **Donix M**, Jähkel M, Sachser N, Oehler J: Isolation-induced alterations in different AB mice strains: Autoradiographic analyses of 5-HT1A and 5-HT2A receptors. In: Elsner, N, Zimmermann, H (Eds.): The Neurosciences from Basic Research to Therapy. Proceedings of the 29th Göttingen Neurobiology Conference and the 5th Meeting of the German Neuroscience Society 2003. Göttingen: Thieme, 2003