

CURRICULUM VITAE

1. Name: Barış Metin
2. Date of Birth: 7 September 1980
3. Degree: Associate Professor

Titles: Doctor of Psychology, Doctor of Medicine, Specialist in Neurology, Associate Professor of Neurology, Fellow of European Board of Neurology (2010)

Degree	Department	University	Year
MD	Medicine	Istanbul University, Cerrahpasa Faculty of Medicine	1998-2004
MSc-PhD	Neurology	Istanbul University, Cerrahpasa Faculty of Medicine	2004-2009
PhD	Psychology (Experimental, Clinical and Health Psychology)	Ghent University	2009-2013

Neurology thesis title: Neuropsychological and electrophysiological findings in Williams Syndrome

PhD title: A comparison of two models of ADHD, State Regulation vs. Delay Aversion

PhD supervisor: Prof.Dr. Herbert Roeyers, Prof. Dr. Edmund Sonuga-Barke, Prof. Dr. JJ. Van der Meere, Ghent University, Belgium, 2013

4. Work experience

2004-2009: İstanbul University, Resident in Neurology

2009-2013: Ghent University, Doctoral Researcher

2013-2014: Ghent University, Postdoctoral Researcher

2014-2016: Uskudar University, Assistant Prof.

2016-present: Uskudar University, Associate Prof.

5. Publications

5.1. Publications in International Peer Reviewed Journals (SCI & SSCI & Arts and Humanities)

1. Arikan, M.K., Metin, B., Tarhan, N, Tulay, E.E. (2018). Multimodal Neuroimaging: Basic Concepts and Classification of Neuropsychiatric Diseases. Clin EEG Neurosci. In press.

2. Arikan, M.K., Metin, B., Tarhan, N. (2018). High frequencies in EEG is related to the level of insight in schizophrenia patients. *Clin EEG Neurosci*. In press.
3. Sutcubasi,B., Metin,B. et al. (2018). The relationship between responsiveness to social and monetary rewards and ADHD symptoms. *Cognitive, Affective, & Behavioral Neuroscience*. In press.
4. Tas, C., Metin, B. et al. Discriminating schizophrenia and schizo-obsessive disorder: a structural MRI study combining VBM and machine learning methods. *neural Computing and Applications*, 29, 377-378
5. Ertan, Gulhan; Arici, Ozge; Ulus, Sila; et al. (2018). Efficiency of Double Inversion Recovery (DIR) Sequence in the Evaluation of Supratentorial Cortical Lesions in Multiple Sclerosis. *neuroquantology*, 16, 23-29.
6. Arikan, M.K., Metin, B., Tarhan, N. (2018). EEG gamma synchronization is associated with response to paroxetine treatment. *J Affect Disord*. 235:114-116. doi: 10.1016/j.jad.2018.04.041.
7. Metin S. and Metin B. et al. (2017). The Use of Quantitative EEG for Differentiating Frontotemporal Dementia From Late-Onset Bipolar Disorder. *Clin EEG Neurosci*.. doi: 10.1177/1550059417750914
8. Metin B et al. (2017). Brainstem reflexes are hyperactive in patients with drug-induced akathisia. *Neurol Sci*. . doi: 10.1007/s10072-017-3038-y
9. Metin B, Tas ZC, Çebi M, Büyükaslan A, Soysal A, Hatıloğlu D, Tarhan N. (2017). Reward Processing Deficits During a Spatial Attention Task in Patients With ADHD: An fMRI Study. *J Atten Disord*. doi: 10.1177/1087054717703188.

10. Gunduz A, Metin B et al. (2017). Lower limb flexor reflex: Comparisons between drug-induced akathisia and restless legs syndrome. *Neurosci Lett.* 22;641:40-44. doi: 10.1016/j.neulet.2017.01.042.
11. Tan, O, Metin, B. (2016). Seasonal Mood Changes in Patients with Obsessive-Compulsive Disorder. *Psychiatry Research.* In press.
12. Isiten, H.N., Cebi, M., Kaya, B.S., Metin, B., Tarhan, N. (2016). Medication Effects on EEG Biomarkers in Attention Deficit/Hyperactivity Disorder. *EEG and Clinical Neuroscience,* In Press
13. Kaya, B.S., Metin, B., Tas, Z.C., Buyukaslan A., Soysal, A., Hatiloglu, D., Tarhan, N. (2016). Gray Matter Increase in Motor Cortex in Pediatric ADHD: A Voxel-Based Morphometry Study. *J Atten Disord.* In press.
14. Noyan, C.O., Kose, S., Nurmedov, S., Metin, B., Darcin, A.E., Dilbaz, N. (2016). Volumetric brain abnormalities in polysubstance use disorder patients. *Neuropsychiatr Dis Treat.*12:1355-63.
15. Tan, O., Metin, B., Metin, S. (2016). Obsessive-compulsive adults with and without childhood ADHD symptoms. *Atten Defic Hyperact Disord.* 8(3):131-8.

16. Mouthaan BE,Metin, B, Braun KP. (2016). Current use of imaging and electromagnetic source localization procedures in epilepsy surgery centers across Europe. EPILEPSY consortium. *Epilepsia*. 57(5):770-6.
17. Nurmedov, S., Metin, B., Ekmen, S., Noyan, O., Yilmaz, O., Darcin, A., Dilbaz, N. (2015).
18. Thalamic and Cerebellar Gray Matter Volume Reduction in Synthetic Cannabinoids Users. *Eur Addict Res*, 21, 315-320
19. Metin, B., Krebs, R. M., Wiersema, J. R., Verguts, T., Gasthuys, R., van der Meere, J. J., . . . Sonuga-Barke, E. (2015). Dysfunctional Modulation of Default Mode Network Activity in Attention-Deficit/Hyperactivity Disorder. *Journal of Abnormal Psychology*, 124(1), 208-214.
20. Metin, B., Wiersema, J.R., Verguts, T., Gasthuys, R., van Der Meere, J.J., Roeyers, H. & Sonuga-Barke, E. (2014): Event rate and reaction time performance in ADHD: Testing predictions from the state regulation deficit hypothesis using an ex-Gaussian model, *Child Neuropsychology*.
21. Metin, B., Roeyers, H., Wiersema, J. R., Van der Meere, J.J., Gasthuys, R., & Sonuga-Barke, E. (2013). Environmental Stimulation Does Not Reduce Impulsive Choice in ADHD: A “Pink Noise” Study. *Journal of Attention Disorders*, In press.
22. Metin, B., Roeyers, H., Wiersema, J. R., Van der Meere, J.J., Thompson, M., & Sonuga-Barke, E. (2013). ADHD Performance Reflects Inefficient But Not Impulsive Information Processing: A Diffusion Model Analysis. *Neuropsychology* 27(2), 193-200.
23. Metin, B., Roeyers, H., Wiersema, J. R., Van der Meere, J., & Sonuga-Barke, E. (2012). A Meta- Analytic Study of Event Rate Effects on Go/No-Go Performance in Attention-Deficit/Hyperactivity Disorder. *Biological Psychiatry* 72(12), 990–996.
24. Metin, S.Z., Ozmen, M., Metin, B., Talasman, S., Yeni, S.N., Ozkara, C. (2013). Treatment with group psychotherapy for chronic psychogenic nonepileptic seizures. *Epilepsy Behaviour* 28(1), 91-94.
25. Ruyschaert, L., Warreyn, P., Wiersema, J.R, Metin, B., Roeyers, H. (2013). Neural mirroring during the observation of live and video actions in infants. *Clinical Neurophysiology* 124(9), 1765-1770.

26. Ozkara, C., Metin, B., & Kucukoglu, S. (2009). Convulsive syncope: a condition to be differentiated from epilepsy. *Epileptic Disorders* 11(4), 315–319.
27. Tüysüz, B., Goldin, E., Metin, B., Korkmaz, B., & Yalçinkaya, C. (2009). Mucopolidosis type IV in a Turkish boy associated with a novel MCOLN1 mutation. *Brain & Development* 31, 702–705.
28. Metin, B., Bozluolcay, M., İnce, B. (2007). Unusual clinical manifestation of a cerebral infarction restricted to the insulate cortex. *Neurocase*13(2), 94-96.

5.2.. Publications in National Peer Reviewed Journals

Metin B. Et al. (2018). Reliability and validity of the Turkish version of the ADHD DSM Scale. *JNBS*, 2018, 5(1), p:3-7

Metin B. Et al. (2017). Realiability and validity of Uskudar fear of missing out scale. *JNBS*, 2017, 4(2), p:43-46

Metin B. et al. (2017). EEG findings during flow state. *JNBS*, 2017, 4(2), p:47-52

Cebi, M., Metin, B., Ozkara, C. (2015). Functional MRI as a preoperative predictor for memory performance following temporal lobectomy: A systematic review. *Journal of Neurobehavioural Sciences*. 2(1): 29-31.

Cerebellum Involvement in Obsessive-Compulsive Disorder related Brain Network Model
Kasikci, I., Metin, B., Tas., C. (2015). *JNBS*, 2(2), 77-79.

Functional Brain Changes during Sema Meditation: Neuronal Correlates and Their Associations with Affective States. Tas, C., Karakose, R., Metin, B., Yildiz, N.G., Ekmen, S., Brown, E.C., Tarhan, N. (2015). *JNBS*, 2(1), 1-6

Metin, B., Tütüncü, M., Kaynak, D., Kaynak, H. (2007). Geç başlangıçlı bir Wilson hastasında polisomnografik bulgular. *Türk Nöroloji Dergisi* 13(2), 127-130

Erkol, G., Bozluolcay, M., Pelin, Z., Metin, B., Göksan, B. (2006). Karotis aterosklerozunun iskemik kalp hastalığı ile ilişkisi. *Türk Nöroloji Dergisi* 12(6), 459-463.

6. Projects

Evaluation of reward processing deficits in ADHD using EEG and fMRI Tubitak 2232 funds.
(2014-2016).

“Neural Basis of State Regulation Deficits in ADHD” Ghent Üniversitesi araştırma destek fonu
(2013-2014, Ghent, Belgium)

7. Administrative Experience

Uskudar University Technology Transfer Office Manager, 2015-present.

Neuroscience master program coordinator

Tedx organizer(+100 licence) (TedxUskudarUniversity 2018)

8. Membership of Scientific and Vocational Organizations

İstanbul Tabip Odası (Istanbul Medical Chamber)

Tanpa (Turkish American Neuropsychiatric Association-Director)

9. Research interests: Functional neuroimaging, Brain mapping, clinical neuropsychology, EEG, mathematical models of behavior.

10. Languages: Turkish (Native), English (Advanced), Dutch (Advanced), Spanish (Intermediate)

11. Teaching experience

Cognitive Psychology I (Psychology Undergraduate)

Cognitive Psychology II (Psychology Undergraduate)

Psychophysiological Basis of Behavior (Master in Psychology)

Clinical Neuroscience (Master in Neuroscience)

Research Methods (Master in Neuroscience)

Applied Project Management I (Doctorate in Psychology)

Applied Project Management II (Doctorate in Psychology)

Neuroanatomy (Doctorate in Neuroscience)

12. Supervised theses

Otizm spektrumlu çocukların annelerinde zihin teorisi bozuklukları, Kısmet Tasdoven
(Neuroscience program)

Komorbiditesi Olmayan DEHB ve DEHB+SAB Tanılı İki Grubun Nöropsikolojik
Bulgularının Karşılaştırılması, Uzm. Psikolog Berçin Kılıçoğlu

Childhood Attention Deficit Hyperactivity Disorder Levels of Obsessive-Compulsive Disorder
Patients and the Relation between parental attitudes, Uzm Psikolog Sevcan Şamiloğlu

Dijital oyun bağımlılığının toplumsal cinsiyet algısı üzerine etkisi, Uzm. Psk. Fadime Aydın

Fonksiyonel MR'ın epilepsi cerrahisi sonrası bellek kaybını yordamadaki rolü, Uzm. Psk. Selin
Yağcı

Otizm spektrum bozukluğu tanılı çocuğa sahip annelerin zihin teorisi bozukluklarının araştırılması,
Kızmet Taşdöven (Nörobilim YL)

Üniversite Öğrencilerinde Dikkat Eksikliği - Hiperaktivite Düzeyleri ile Sosyal Uyumları ve Atılganlık
Düzeyleri Arasındaki İlişkinin İncelenmesi, Uzm. Psk. Osman İlhan

Ortaokul Düzeyindeki Çocukların Ebeveynlerinin Tutum Biçimlerinin Sınav Kaygısı Üzerine
Etkisinin Araştırılması. Uzm. Psk. İldeniz Kartalkıyı.

Silopi Ve Cizre İlçelerinde Travmaya Maruz Kalmış Bireylerde Travma Sonrası Stres Bozuluğu'nun
Gelişimine Etki Eden Faktörler. Uzm. Psk. Yunus Taşkın