

ÖZGEÇMİŞ



Adı Soyadı: Bahar Güntekin

Doğum Tarihi: 01.05.1977

Unvanı: Prof. Dr.

Akademik Unvanlar:

Yardımcı Doçentlik Tarihi : 2007-2010

Doçentlik Tarihi : 19.4.2010- **Alanı:** Biyofizik

Profesörlük Tarihi : 1. Nisan 2016 **Alanı:** Biyofizik

Çalışma Alanı Anahtar Kelimeler: Kognitif Sinirbilim, EEG, Beyin Dinamiği, Olaya İlişkin Osilasyonlar, Yüz-Yüz İfadesi Algısı, Farklı Demans Hastalarında Beyin Elektriksel Aktivitesi Araştırmaları

Öğrenim Durumu:

Derece	Alan	Üniversite	Yıl
Lisans	Fizik Tedavi ve Reh.	Dokuz Eylül Üniversitesi	1999
Y. Lisans	Muskuloskeletal Rehabilitasyon	Dokuz Eylül Üniversitesi	2002
Doktora	Biyofizik	Dokuz Eylül Üniversitesi	2006

Görevler

Görev Unvanı	Görev Yeri	Yıl
Araş. Gör.	Dokuz Eylül Üniversitesi Fizik Tedavi ve Rehabilitasyon YO	1999-2002
Fizyoterapist	İzmir Buca SSK ve İzmir Tepecik SSK Hastaneleri	2002-2005
TÜBİTAK bursiyeri	Dokuz Eylül Üniversitesi, Tıp Fakültesi, Biyofizik AD.	2005-2006
Öğr. Gör	İstanbul Kültür Üniversitesi, Beyin Dinamiği Araştırma Merkezi	2006-2007
Yrd. Doç.	İstanbul Kültür Üniversitesi, Beyin Dinamiği Araştırma Merkezi	2007-2010

Doçent	İstanbul Kültür Üniversitesi, Beyin Dinamiği Araştırma Merkezi	2010-2016
Profesör	İstanbul Medipol Üniversitesi, Tıp Fakültesi, Biyofizik AD.	2016-

Yüksek Lisans Tez Başlığı (özeti ekte) ve Tez Danışman(lar)ı :

Tez Başlığı: Endüstride Bel Ağrısı Risk Faktörlerinin İncelenmesi Üzerine bir Araştırma

Danışmanı: Yard. Doç. Dr. Yücel Yıldırım

Doktora Tezi/S.Yeterlik Çalışması/Tıpta Uzmanlık Tezi Başlığı ve Danışman(lar)ı :

Tez Başlığı: Yüz İfadesini Beyin Elektrofizyolojik Olarak Nasıl Algılar? : Beyin Dinamiği Yöntemleri İle Analiz

Danışmanı: Prof. Dr. Erol Başar

İdari Görevler

- TÜBİTAK Sağlık Bilimleri Araştırma Grubu Danışma Kurulu Üyesi Şubat 2019- devam ediyor
- İstanbul Medipol Üniversitesi, Tıp Fakültesi, Biyofizik Anabilim Dalı Başkanı Nisan 2016- devam ediyor
- İstanbul Medipol Üniversitesi, Üniversite Senatosunda Uluslararası Tıp Fakültesi Temsilcisi Ekim 2016-2019
- İstanbul Medipol Üniversitesi, Uluslararası Tıp Fakültesi, Fakülte Yönetim Kurulu Üyesi Ekim 2016-2019
- İstanbul Medipol Üniversitesi, Uluslararası Tıp Fakültesi, Biyofizik Anabilim Dalı Başkanı Nisan 2016-2019
- İstanbul Kültür Üniversitesi Proje Geliştirme ve Koordinasyon Birimi Danışma Kurulu Üyesi 2014- 2016
- İstanbul Kültür Üniversitesi Beyin Dinamiği Kognisyon ve Karmaşık Sistemler Sistemler Araştırma Merkezi Müdür Yardımcısı Şubat 2009-2016.
- İstanbul Kültür Üniversitesi Beyin Dinamiği Kognisyon ve Karmaşık Sistemler Sistemler Araştırma Merkezi Yönetim Kurulu Üyesi Şubat 2009-2016.

Ödüller

- ODTÜ Prof. Dr. Mustafa N. Parlar Eğitim ve Araştırma Vakfı Araştırma Teşvik Ödülü 2016
- TÜBA Üstün Başarılı Genç Bilim İnsanı Ödülü 2015
- İstanbul Kültür Üniversitesi Akademik Başarı Ödülü (SCI kayıtlı bilimsel yayınları teşvik için verilen bu ödül 2006-2016 yılları arasında her sene alınmıştır).
- 3.Alzheimer Kongresi Poster 2.lık Ödülü 2013
- Dokuz Eylül Üniversitesi Sağlık Bilimleri Enstitüsü Doktora Birincilik Ödülü, 2006.

Bilimsel ve Mesleki Kuruluşlara Üyelikler

- Alzheimer's Association- Professional Interest Areas- Electrophysiology- Vice-Chair 2021-devam ediyor
- Alzheimer's Association- Professional Interest Areas- Electrophysiology-Communication Chair 2019-2021
- Türk Biyofizik Derneği
- European Society for Cognitive and Affective Neuroscience

- International Organization of Psychophysiology
- Society for Psychophysiological Research
- Türkiye Beyin Araştırmaları ve Sinir Bilimleri Derneği
- Beyin Araştırmaları Derneği

Yönetilen Yüksek Lisans ve Doktora Tezleri

Yüksek Lisans Tezleri

- Ebru Yıldırım 2017. Sağlıklı Bireylerde Transkutanöz Elektriksel Sinir Stimülasyonunun EEG Üzerindeki Etkisi—Danışman: Prof. Dr. Bahar Güntekin.
- Fadime Çadircı 2016 . Parkinson hastalığında Bilişsel Bozulmanın seyrinde görsel algısal işlevler ve olaya ilişkin EEG koherans analizi ile ilişkisi. Danışman: Prof. Dr. Lütfü Hanoğlu, Eş danışman: Prof. Dr. Bahar Güntekin.
- Nagihan Mantar 2016. Kognitif Bozukluğu Olan ve Olmayan Parkinson Hastalarında Alfa ve Beta EEG Osilasyonlarının İncelenmesi. Danışman: Prof. Dr. Lütfü Hanoğlu, Eş danışman: Prof. Dr. Bahar Güntekin.
- Tuba Aktürk 2017. Yüz İfadelerinin Algılanmasının Yaşa Bağlı Etkisinin Olaya İlişkin Potansiyeller (OİP) Yöntemi İle İncelenmesi. Danışman: Prof. Dr. Ümmühan İšoğlu Alkaç, Eş danışman: Prof. Dr. Bahar Güntekin.
- Reyyan Uysal 2017. Parkinsoniyen hallüsinasyonların elektrofizyolojik özelliklerinin incelenmesi. Danışman: Prof. Dr. Lütfü Hanoğlu, Eş danışman: Prof. Dr. Bahar Güntekin.

Projeler

1. TÜBİTAK Yurtiçi-Yurtdışı Bütünleştirilmiş Doktora Burs Programı (BDP); proje no: 1959B010400006; Proje görevi: **Bursiyer**
2. TÜBİTAK 1001; Hafif Kognitif Bozukluk ve Alzheimer Hastalığı ile Sağlıklı Yaşlılarda, EEG Olay İlişkili Osilasyonlar, Volumetrik Manyetik Rezonans Görüntüleme ve Nöropsikolojik Testlerin Kesitsel ve Boylamsal Olarak İncelenmesi;Proje süresi:2013-2016, proje no: 112S459; Proje görevi: **Araştırmacı**; Proje bütçesi: **136.445 TL**.
3. TÜBİTAK 1001; Parkinson Hastalığında Hafif Bilişsel Bozukluktan Demansa Kognitif Süreçlerin Olası Biyobelirteçlerinin İncelenmesi; Proje süresi: 2015-2018,proje no 114S468; Proje görevi: **Yürütücü**; Proje bütçesi: 265.860 TL, toplam proje desteği: **400,032 TL**.
4. TÜBA; Alzheimer Hastalığında Duygusal Uyarılar Kullanarak EEG-Beyin Osilasyonlarında Biyobelirteç Arayışı. TÜBA Üstün Başarılı Genç Bilim İnsanı Ödülü kapsamında desteklenen proje. Proje süresi: 2015-2018 Proje görevi: **Yürütücü**; Proje bütçesi: **60.000 TL**,
5. TÜBİTAK and French Ministry of Foreign Affairs, Bosphorus Program “Emotional Processes Evaluation in Dementia: an EEG-Brain Dynamics Analysis”. Proje süresi: 2019-2021. Proje no: 218S314 Proje görevi: **Yürütücü**

Bilimsel Toplantı Düzenleme Deneyimi

Uluslararası

- 10th World Congress of the International Organization of Psychophysiology, 28 August-02 September 2006, Istanbul, Turkey (Organizasyon komitesi).
- Brain-Mind in Probabilistic Hyperspace, 19-21 October 2007, İstanbul Kültür University, Turkey (Kordinatör).

- 10th International Conference on Cognitive Neuroscience, 1-5 September 2008, Bodrum, Turkey (Organizasyon komitesi).
- "Brain Oscillations in Cognitive Impairment and Neurotransmitter" Conference/Workshop, 29 April-01 May 2011, Çınar Otel, İstanbul, Türkiye (Organizasyon komitesi).
- "Neuroimaging, creativity, and mental illness: What are the relationships?" Conference, 29 August 2012, İstanbul Kültür Üniversitesi, İstanbul, Turkey. (Organizasyon komitesi).
- "EEG Brain Oscillations and Cognition" Workshop, 6 June 2015, İstanbul Kültür Üniversitesi, İstanbul, Turkey (Çalıştay Başkanı).
- Linear and Non-Linear Analysis of EEG in Dementia: Implications for Emotion and Cognition Studies. Webinar ,July 2nd, 2021, (Webinar Başkanı)

Ulusal

- "Çağımızın İki Büyük Sağlık Sorunu: Depresyon ve Demans" Semineri, 09 Aralık 2010, İstanbul Kültür Üniversitesi, İstanbul, Türkiye. (Organizasyon komitesi).
- Nöropsikiyatrik Hastalıklarda Beyin Görüntüleme Çalıştay Haziran 2013 İstanbul Kültür Üniversitesi, İstanbul, Türkiye. (Çalıştay Başkanı)

SCI kayıtlı Uluslararası Dergilerde Editörlük:

1. Scientific Reports-Editorial Board Member- 29.07.2021- devam ediyor
2. Frontiers in Network Physiology Associate Editor 2021- devam ediyor
3. Aging Brain- Associate Editor 2020- devam ediyor
4. International Journal of Psychophysiology- Associate Editor 2020- devam ediyor
5. BioMedical Engineering OnLine-Associate Editor 2019- devam ediyor
6. Frontiers in Psychopathology Associate Editor 2017- devam ediyor
7. Frontiers in Behavioral Neuroscience Associate Editor 2017-devam ediyor
8. International Journal of Psychophysiology-Guest Editor 2016

SCI kayıtlı Uluslararası Dergilerde Hakemlik:

1. Alzheimer's&Dementia: Diagnosis, Assessment, Disease Monitoring
2. Behavioural Brain Research
3. Biomedical Signal Processing and Control
4. Biological Psychology
5. Bipolar Disorders
6. Brain and Cognition
7. Brain Informatics
8. Brain Imaging and Behavior
9. BMC Neuroscience
10. BMC Psychiatry
11. Brain Research
12. Cerebral Cortex
13. Clinical EEG and Neuroscience
14. Clinical Neurophysiology

15. Cognitive, Affective, and Behavioral Neuroscience
16. Cognitive Neurodynamics
17. Cognitive Systems Research
18. Computers in Biology and Medicine
19. Computational and Mathematical Methods in Medicine
20. Computer Methods and Programs in Biomedicine
21. Consciousness and Cognition
22. Cortex
23. Current Pharmaceutical Design
24. Experimental Brain Research
25. Frontiers in Behavioral Neuroscience
26. Frontiers in Aging Neuroscience
27. Frontiers in Human Neuroscience
28. Frontiers in Life Science
29. Frontiers in Psychology
30. Frontiers in Psychiatry
31. Heliyon
32. Human Brain Mapping
33. International Journal of Psychophysiology
34. Journal of Alzheimer's Disease
35. Journal of Affective Disorders
36. Journal of Clinical and Experimental Neuropsychology
37. Journal of Nervous and Mental Disease
38. Journal of Neural Transmission
39. Journal of Neuroscience Research
40. Journal of Psychophysiology
41. Journal of Psychiatric Research
42. Motivation and Emotion
43. Neurobiology of Aging
44. Neuroimage
45. Neuroimage Clinical
46. Neuropsychologia
47. Neuroscience
48. Neuroscience Letters
49. Neurological Sciences and Neurophysiology
50. Oncotarget
51. PeerJ
52. Plos One
53. Psychophysiology
54. Scientific Reports
55. Social Cognitive and Affective Neuroscience
56. Social Neuroscience
57. Turkish Neurological Sciences
58. Turkish Journal of Medical Sciences

Uluslararası Araştırmacı Profilleri:

ORCID ID: orcid.org/0000-0002-0860-0524

Web of Science Researcher ID: A-4974-2018
<http://www.researcherid.com/rid/A-4974-2018>

Scopus Author ID: 15044484600

Researchgate Profile: https://www.researchgate.net/profile/Bahar_Guentekin

Publons: <https://publons.com/a/1269005>

Loop: <https://loop.frontiersin.org/people/168284/>

Yayınlarına atf sayısı:

SCI Kayıtlı Yayın Sayısı: 76

Yazar ismi: Guntekin B, Guentekin B

25 Ağustos 2021 itibari ile Web of Science: **1944** (Guntekin B, Guentekin B); H sayısı:**26**

25 Ağustos 2021 itibari ile Google Scholar: **3365**; H sayısı:**32**

25 Ağustos 2021 itibari ile Scopus: **2284**; H sayısı:**29**

Yayınlar

Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

İlk isim ve son isim SCI Kayıtlı yayınlar:

1. Başar, E., **Güntekin, B.** A breakthrough in neuroscience needs a "Nebulous Cartesian System" Oscillations, quantum dynamics and chaos in the brain and vegetative system. Int. J. Psychophysiol. 2007 Apr;64(1):108-22. Epub 2006 Oct 17. Review
2. **Güntekin, B.**, Başar, E., Emotional face expressions are differentiated with brain oscillations. Int. J. Psychophysiol. 2007 Apr;64(1):91-100. Epub 2006 Dec 5.
3. **Güntekin, B.**, Başar, E. Brain oscillations are highly influenced by gender differences. Int J Psychophysiol. 2007 Sep;65(3):294-9. Epub 2007 Mar 30.
4. **Güntekin, B.**, Başar, E. Gender differences influence brain's beta oscillatory responses in recognition of facial expressions, Neurosci Lett. 2007 Sep 7;424(2):94-9.
5. **Güntekin, B.**, Saatçi, E., Yener, G. Decrease of evoked delta, theta and alpha coherences in Alzheimer patients during a visual oddball paradigm. Brain Res. 2008 Oct 15;1235:109-16. Epub 2008 Jun 19.
6. Başar, E., **Güntekin, B.** A review of brain oscillations in cognitive disorders and the role of neurotransmitters. Brain Res. 2008 Oct 15;1235:172-93. Epub 2008 Jul 2.
7. **Güntekin, B.**, Başar, E. Facial affect manifested with multiple oscillations, Int. J. Psychophysiol., Int J Psychophysiol. 2009 Jan;71(1):31-6. Epub 2008 Jul 31.
8. Başar, E., **Güntekin, B.** Darwin's evolution theory, brain oscillations, and complex brain function in a new "Cartesian view". Int J Psychophysiol. 2009 Jan;71(1):2-8. Epub 2008 Jul 31.
9. Başar, E., **Güntekin, B.** Bergson's Intuition and Memory in View of NeuroQuantology. Neuroquantology.2009 Volume: 7 Issue: 4 Pages: 602-608.
10. Başar, E., **Güntekin, B.** An Essay on Darwin's Theory and Bergson's Creative Evolution in the Era of NeuroQuantology. Neuroquantology 2009 Volume: 7 Issue: 4 Pages: 609-622.
11. **Güntekin, B.**, Başar, E. A new interpretation of P300 responses upon analysis of coherences. Cognitive Neurodynamics 2010 Volume 4, Number 2. 3 Pages: 107-118.
12. **Güntekin, B.**, Basar, E., 2010. Event-related beta oscillations are affected by emotional eliciting stimuli. Neuroscience Letters, 483 (2010) 173–178.
13. Başar E., **Güntekin, B.** A short review of alpha activity in cognitive processes and in cognitive impairment. Int J Psychophysiol. 2012 Oct;86(1):25-38.

14. **Güntekin, B.**, Emek-Savaş D.D., Kurt P., Yener G.G., Başar E., 2013. Beta oscillatory responses in healthy subjects and subjects with mild cognitive impairment, *Neuroimage Clin.* 2013 Jul 17;3:39-46. doi: 10.1016/j.nicl.2013.07.003.
15. **Güntekin, B.**, Başar, E. A Review of Brain Oscillations in Perception of Faces and Emotional Pictures, *Neuropsychologia*, 2014, May, 58C, 33-51; <http://dx.doi.org/10.1016/j.neuropsychologia.2014.03.014>
16. Başar E., Düzgün A., **Güntekin, B.** A proposal to extend Brodmann's areas concept to a new model . *Neuroquantology*. Volume 12, Issue 2, 2014, Pages 201-209.
17. **Güntekin, B.**, Tülay E. Event related beta and gamma oscillatory responses during perception of affective pictures. *Brain Res.* 2014 Aug 19;1577:45-56.
18. **Güntekin, B.**, Başar, E. Review of evoked and event-related delta responses in the human Brain. *Int J Psychophysiol* 2015, Feb 7. pii: S0167-8760(15)00031-8. doi: 10.1016/j.ijpsycho.2015.02.001
19. Başar, E., Tülay, E., **Güntekin B.** Multiple gamma oscillations in the brain: A new strategy to differentiate functional correlates and P300 dynamics. *Int J Psychophysiol.* 2015 Mar;95(3):406-20. doi: 10.1016/j.ijpsycho.2015.01.013. Epub 2015 Feb 7.
20. Kurt, P., Eroğlu, K., Bayram Kuzgun, T., **Güntekin, B.** The modulation of delta responses in the interaction of brightness and emotion. *Int J Psychophysiol.* 2016 Nov 18;112:1-8.
21. **Güntekin, B.**, Femir, B., Gölbaşı, B.T., Tülay, E., Başar, E. Affective pictures processing is reflected by an increased long-distance EEG connectivity (2017) *Cognitive Neurodynamics*, pp. 1-13.
22. **Güntekin B.**, Hanoğlu L, Güner D, Yılmaz NH, Çadircı F, Mantar N, Aktürk T, Emek-Savaş DD, Özer FF, Yener G, Başar E. Cognitive Impairment in Parkinson's Disease Is Reflected with Gradual Decrease of EEG Delta Responses during Auditory Discrimination. *Front Psychol.* 2018 Feb 21;9:170.
23. **Güntekin, B.**, Hanoğlu, L., Aktürk, T., Fide, E., Emek-Savaş, D. D., Ruşen, E., Yıldırım, E. & Yener, G. G. (2019). Impairment in recognition of emotional facial expressions in Alzheimer's disease is represented by EEG theta and alpha responses. *Psychophysiology*, 56(11), e13434.
24. Aktürk, T., İšoğlu-Alkaç, Ü., Hanoğlu, L., & **Güntekin, B.** (2020). Age related differences in the recognition of facial expression: Evidence from EEG event-related brain oscillations. *International Journal of Psychophysiology*, 147, 244-256.
25. **Güntekin, B.**, Aktürk, T., Yıldırım, E., Yılmaz, N. H., Hanoğlu, L., & Yener, G. (2020). Abnormalities in auditory and visual cognitive processes are differentiated with theta responses in patients with Parkinson's disease with and without dementia. *International Journal of Psychophysiology*, 153, 65-79.
26. **Güntekin, B.**, Uzunlar, H., Çalıoğlu, P., Eroğlu-Ada, F., Yıldırım, E., Aktürk, T., Atay, E. & Ceran, Ö. (2020). Theta and alpha oscillatory responses differentiate between six-to seven-year-old children and adults during successful visual and auditory memory encoding. *Brain Research*, 1747, 147042.
27. Babiloni, C., Arakaki, X., Azami, H., Bennys, K., Blinowska, K., Bonanni, L., Bujan, A., Carrillo, M. C., Cichocki, A., Frutos-Lucas, J., Del Percio, C., Dubois, B., Edelmayer, R., Egan, G., Epelbaum, S., Escudero, J., Evans, A., Farina, F., Fargo, K., Fernandez, A., Ferri, R., Frisoni, G., Hampel, H., Harrington, M. G., Jelic, V., Jeong, J., Jiang, Y., Kamiski, M., Kavcic, V., Kilborn, K., Kumar, S., Lam, A., Lim, L., Lizio, R., Lopez, D., Lopez, S., Lucey, B., Maestu, F., McGeown, W. J., McKeith, I., Moretti, D. V., Nobili, F., Noce, G., Olichney, J., Onofrj, M., Osorio, R., Parra-Rodriguez, M., Rajji, T., Ritter, P., Soricelli, A., Stocchi, F., Tarnanas, I., Taylor, J. P., Teipel, S., Tucci, F., Valdes-Sosa, M., Weiergraber, M., Yener, G. & **Güntekin, B.** (2021). Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. *Alzheimer's & Dementia*.(Impact factor =21,56)

İlk isim ve son isim dışındaki SCI Kayıtlı Yayınlar:

28. Başar, E., **Güntekin, B.**, Öniz A., Principles of Oscillatory Brain Dynamics and a Treatise of Recognition of Faces and Facial Expressions. Volume on ERD of the Series Prog Brain Res. 2006;159:43-62. Review.
29. Yener, G., **Güntekin, B.**, Öniz, A., Başar, E. Increased Frontal Phase-locking of Event Related Theta Oscillations in Alzheimer Patients Treated with Acetylcholine-Esterase Inhibitors. *Int. J. Psychophysiol.* 2007 Apr;64(1):46-52. Epub 2006 Oct 2.

30. Yener, G., **Güntekin, B.**, Başar, E. Event related delta oscillatory responses of Alzheimer patients, *Eur J Neurol.* 2008 Jun;15(6):540-7. Epub 2008 Apr 10.
31. Ozerdem, A., **Güntekin, B.**, Tunca, Z., Başar, E. Brain oscillatory responses in patients with bipolar disorder manic episode before and after valproate treatment. *Brain Res.* 2008 Oct 15;1235:98-108. Epub 2008 Jul 2.
32. Yener, G., **Güntekin, B.**, Tülay, E., Başar, E. A comparative analysis of sensory visual evoked oscillations with visual cognitive event related oscillations in Alzheimer's disease. *Neuroscience Letters* 2009 Volume: 462 Issue: 3 Pages: 193-197
33. Özerdem, A., **Güntekin, B.**, Saatçi, E., Tunca, Z., Başar, E. Disturbance in long distance gamma coherence in bipolar disorder. *Prog Neuropsychopharmacol Biol Psychiatry.* 2010 Apr 14.
34. Basar, E., **Güntekin, B.**, Tülay, E., Yener, G.G., 2010. Evoked and Event Related Coherence of Alzheimer Patients Manifest Differentiation of Sensory-Cognitive Networks. *Brain Research*, 1357, 79-90.
35. Ozerdem, A., **Güntekin, B.**, Atagün, I., Turp, B., Başar, E., 2011. Reduced long distance gamma (28–48 Hz) coherence in euthymic patients with bipolar disorder. *Journal of Affective Disorders* 132, 325–332.
36. Başar, E., **Güntekin, B.**, Atagün, I., Turp-Gölbaşı, B., Tülay, E., Özerdem, A., 2012. Brain's alpha activity is highly reduced in euthymic bipolar disorder patients. *Cognitive Neurodynamics* 6 (1), 11-20.
37. Yener, G.G., **Güntekin, B.**, Orken, D.N., Tülay, E., Forta, H., Başar, E., 2012. Auditory delta event-related oscillatory responses are decreased in Alzheimer's disease. *Behav. Neurol.* 25(1), 3-11.
38. Atagün, M.I., **Güntekin, B.**, Özerdem, A., Tülay, E., Başar, E., Online First Article. Decrease of Theta Response in Euthymic Bipolar Patients During an Oddball Paradigm. *Cognitive Neurodynamics* 2013 June 2013, Volume 7, Issue 3, pp 213-223.
39. Yener, G. G., Kurt, P., Emek-Savaş, D. D., **Güntekin, B.**, Başar, E. Reduced visual event-related delta oscillatory responses in amnesic mild cognitive impairment. *J Alzheimers Dis.* 2013 Jan 1;37(4):759-67. doi: 10.3233/JAD-130569.
40. Atagun, M. I., **Güntekin, B.**, Masali, B., Tulay, E. E., Basar, B. 2014. Decrease of event-related delta oscillations in euthymic patients with bipolar disorder. *Psychiatry Research Neuroimaging*, 2014 Jul 30;223(1):43-8. doi: 10.1016/j.psychres.2014.04.001. Epub 2014 Apr 13.
41. Kurt, P., Emek-Savaş, D. D., Batum, K., Turp, B., **Güntekin, B.**, Karşıdağ, S., Yener, G. G. "Patients with Mild Cognitive Impairment Display Reduced Auditory Event-Related Delta Oscillatory Responses," *Behavioural Neurology*, vol. 2014, Article ID 268967, 11 pages, 2014. doi:10.1155/2014/268967.
42. Yener, G. G., Savaş, D. D., **Güntekin, B.**, Başar, E. The visual cognitive network, but not the visual sensory network, is affected in amnesic mild cognitive impairment: a study of brain oscillatory responses. *Brain Res.* 2014 Aug 21. pii:S0006-8993(14)01113-5. doi: 10.1016/j.brainres.2014.08.038. [Epub ahead of print]
43. Atagun, M. I., **Güntekin, B.**, Tan, D., Tülay, E. E., Başar, E. Lithium Excessively Enhances Event Related Beta Oscillations in Patients with Bipolar Disorder. *Journal of Affective Disorders*, Volume 170, 1 January 2015, Pages 59–65
44. Savaş, D. D., **Güntekin, B.**, Yener, G. G., Başar, E. Decrease of delta oscillatory responses is associated with increased age in healthy elderly. *Int J Psychophysiol* 2015, Feb 7. pii: S0167-8760(15)00036-7. doi: 10.1016/j.ijpsycho.2015.02.006.
45. Tan, D., Özerdem, A., **Güntekin, B.**, Atagün M. I., Tülay E., Karadağ, F, Başar, E. Increased beta frequency (15-30 Hz) oscillatory responses in euthymic bipolar patients under lithium monotherapy. *Clinical EEG and Neuroscience*, 2014 Dec 2. pii: 1550059414561056.
46. Yener, G. G., Savaş, D. D., Lizio, R., Çavuşoğlu, B., Carducci, F., Ada E., **Güntekin, B.**, Babiloni, C., Başar, E. Frontal delta event-related oscillations relate to frontal volume in mild cognitive impairment and healthy controls. *Int J Psychophysiol* 2015, Feb 7. pii: S0167-8760(15)00035-5. doi: 10.1016/j.ijpsycho.2015.02.005.
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10. Güntekin, B., Beyin Araştırmalarında Yüz Tanıma Duygusal Uyarılar ve Öğrenme. Türkiye Özel Okullar Birliği Derneği 10. Antalya Sempozyumu, 3-5 Şubat 2011, Antalya, Türkiye, Bildiri Kitabı Sayfa 13-14.
11. Güntekin, B., Event related oscillations and event related coherence in healthy subjects. 10. Ulusal Sinirbilim Kongresi, 9-12 Nisan 2011, İstanbul, Türkiye, Bildiri Kitabı Sayfa 41.
12. Başar, E., Başar-Eroğlu, C., Gütekin, B., Özerdem, A., Yener, G.G., Selective Gamma Activation in Alzheimer's Disease, Bipolar Disorder and Schizophrenia. 10. Ulusal Sinirbilim Kongresi, 9-12 Nisan 2011, İstanbul, Türkiye, Bildiri Kitabı Sayfa 44.
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15. Eroğlu, S., Boyacı, P., Kurt, P., Emek, D.D., Yener, G.G., Güntekin, B., Başar, E., Hafif Kognitif Bozuklukta İşitsel P300 Yanıtı ve Nöropsikolojik Testlerin İncelemesi. 2. Ulusal Alzheimer Kongresi, 15-18 Mart 2012, İstanbul, Türkiye, Bildiri Kitabı Sayfa 37.
16. Boyacı, P., Eroğlu, S., Kurt, P., Emek, D.D., Yener, G.G., Güntekin, B., Başar, E., Hafif Kognitif Bozuklukta Görsel P300 Yanıtı ve Nöropsikolojik Testlerin İncelemesi. 2. Ulusal Alzheimer Kongresi, 15-18 Mart 2012, İstanbul, Türkiye, Bildiri Kitabı Sayfa 38.
17. Güntekin, B., Emek, D.D., Kurt, P., Yener, G., Başar, E., Beta Osilatuar Yanıtlarının Kognitif Yük Uygulandığında Artması. 3. Alzheimer Kongresi, 21-24 Mart 2013, Askeri Müze Kültür Sitesi, İstanbul, Türkiye. [Poster 2.lik Ödülü]
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20. Güntekin, B., Tülay, E., Turp-Gölbaşı B., Başar, E Emosyonel uyarılarda olaya ilişkin beta ve gama salınımları. 12.Ulusal sinirbilim kongresi, 28-31 Mayıs 2014.
21. Bahar Güntekin, Dilan Güner, Erol Başar, Nesrin Helvacı Yılmaz, , Görsev Gülmen Yener,, Lütfü Hanoğlu.,Parkinson Hastalarında Görsel Seyrek Uyarın Paradigması Uygulaması Sonrasında Açığa Çıkan Olaya İlişkin EEG Beyin Osilasyonları. 14 üncü Ulusal Sinirbilim Kongresi, Özet Kitapçığı sayfa 16.
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31. Güntekin, B., Karakaş, S. (2018). Prof. Erol Başar ve Nörobilime Katkıları. 16. Ulusal Sibirbilim Kongresi, İstanbul, Türkiye
32. Hünerli, D., Emek-Savaş, D.D., Aktürk, T., Güntekin, B., Dönmez-Çolakoğlu, B., Yener, G. (2018). Kognitif bozukluğu olan ve olmayan Parkinson Hastalığı'nda olaya ilişkin delta osilasyonları azalır. 16. Ulusal Sibirbilim Kongresi, İstanbul, Türkiye.
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41. Güntekin, B., Uzunlar H., Çalışoğlu, P., Eroğlu, F., Yıldırım, E., Aktürk, T., Atay, E., Ceran, Ö. (2019). Kognitif Süreçler Sırasında Açığa Çıkan EEG Teta ve Alfa Yanıtlarının Gelişimsel Farklılıkları. 31. Ulusal Biyofizik Kongresi, Adana, Türkiye.
42. Güntekin, B. (2019). Bilimsel Nicelikten, Bilimsel Niteliğe Doğru Vakıf Üniversitelerinde Biyofizik Anabilim Dallarının Yeri Ve Önemi. 31. Ulusal Biyofizik Kongresi, Adana, Türkiye.

43. Güntekin, B., Uzunlar H., Çalışoğlu, P., Eroğlu, F., Yıldırım, E., Aktürk, T., Atay, E., Ceran, Ö. (2019). Kognitif Süreçler Sırasında Açığa Çıkan EEG Teta ve Alfa Yanıtlarının Gelişimsel Farklılıkları. 31. Ulusal Biyofizik Kongresi, Adana, Türkiye.

Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2019	Güz	Uluslararası Tıp Fakültesi ikinci sınıf Biyofizik	30 (Toplam ders saati)		12
		Uluslararası Tıp Fakültesi birinci sınıf Biyofizik	12(Toplam ders saati)		17
		Tıp Fakültesi ikinci sınıf Biyofizik	30(Toplam ders saati)		189
		Tıp Fakültesi birinci sınıf Biyofizik	16 (Toplam ders saati)		185
		İng. Dış Hekimliği Fakültesi ikinci sınıf Biyofizik	8(Toplam ders saati)		11
		İng. Dış Hekimliği Fakültesi birinci sınıf Biyofizik	18(Toplam ders saati)		113
		Kognitif Elektrofizyoloji ve beyin Osilasyonlarına giriş yüksek lisans dersi	28(Toplam ders saati)		12
	İlkbahar	İleri Kognitif Elektrofizyoloji Doktora dersi			3
2020	Güz	Uluslararası Tıp Fakültesi ikinci sınıf Biyofizik	32 (Toplam ders saati)		21
		Uluslararası Tıp Fakültesi birinci sınıf Biyofizik	18(Toplam ders saati)		19
		Tıp Fakültesi ikinci sınıf Biyofizik	32(Toplam ders saati)		189
		Tıp Fakültesi birinci sınıf Biyofizik	16 (Toplam ders saati)		184
		İng. Dış Hekimliği Fakültesi ikinci sınıf Biyofizik	8(Toplam ders saati)		97
		İng. Dış Hekimliği Fakültesi birinci sınıf Biyofizik	18(Toplam ders saati)		161
		Kognitif Elektrofizyoloji ve beyin Osilasyonlarına giriş yüksek lisans dersi	28(Toplam ders saati)		11
	İlkbahar	İleri Kognitif Elektrofizyoloji Doktora dersi			2

Not: Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir.

Katıldığı Uluslararası Bilimsel Toplantılar:

1. 12th World Congress of the International Organization of Psychophysiology, 18-23 September 2004, Porto Carras, Greece (Attendee).
2. Brain Dynamics and Cognition Conference, 14-18 May 2005, Izmir, Turkey (Attendee).
3. Society of Applied Neuroscience Proceedings of the Scientific Program, 31

August-02 September 2005, Istanbul, Turkey (Attendee).

4. Mind and Electrophysiology, 6-10 October 2005, Guadalajara, Mexico (Poster presentation)
5. 13th World Congress of the International Organization of Psychophysiology, 28 August-02 September 2006, Istanbul, Turkey (Symposium talk, Poster presentation)
6. 28th International Congress of Clinical Neurophysiology, 10-14 September 2006, Edinburgh, Scotland. (Poster presentation)
7. International Psychogeriatric Association, 3-6 May 2007, Istanbul, Turkey (Symposium talk)
8. Society of Biological Psychiatry, 62nd Annual Scientific Meeting and Convention, 17-19 May 2007, San Diego, U.S.A. (Oral presentation, Poster presentation)
9. Brain-Mind in Probabilistic Hyperspace, 19-21 October 2007, İstanbul Kültür University, Turkey (Organization committee, Symposium talk).
10. 10th International Conference on Cognitive Neuroscience, 1-5 September 2008, Bodrum, Turkey (Organization committee).
11. 2nd International Biophysics Congress and Biotechnology at GAP and 21st National Biophysics Congress, 05-09 October 2009, Diyarbakır, Turkey (Oral presentation).
12. World Federation of Neurology Aphasia and Cognitive Disorders Research Group Meeting, 15-18 May 2010, Princes' Islands, Heybeliada, Istanbul (Symposium talk).
13. 1st Annual World Congress of Neuro Talk, 25-28 June 2010, Singapore (Symposium talk).
14. 15th World Congress of Psychophysiology of the International Organization of Psychophysiology, 1-4 September 2010, Budapest, Hungary (Poster presentation).
15. "Brain Oscillations in Cognitive Impairment and Neurotransmitter" Conference/Workshop, 29 April-01 May 2011, Çınar Otel, Istanbul, Türkiye (Organization committee, Symposium talk).
16. 66th Annual Scientific Meeting and Convention of Society of Biological Psychiatry, 2011, San Francisco, California, U.S.A. (Poster presentation).
17. VI Workshop on Advances in The Study of Brain Activity of the Thematic Network on Cognitive Neuroscience" 13-16 June 2011, Sevilla, Spain (Poster presentation).
18. 14th European Congress on Clinical Neurophysiology, 21-25 June 2011, Rome, Italy. (Symposium talk).
19. Kognitif IX, International Cognitive Neuroscience Meeting, 13-15 April 2012, Istanbul, Turkey (Attendee).
20. 67th Annual Scientific Convention and Program of Society of Biological Psychiatry, 3-5 May 2012, Philadelphia, Pennsylvania, U.S.A. (Poster presentation).
21. BIT's 3rd Annual World Congress of Neurotalk, 18-20 May 2012, Beijing, China (Symposium talk).
22. "Neuroimaging, creativity, and mental illness: What are the relationships?" Conference, 29 August 2012, Istanbul Kultur Universitesi, Istanbul, Turkey. (Organization committee).
23. 16th World Congress of the International Organization of Psychophysiology, 13-17 September 2012, Pisa, Italy (Symposium talk).
24. COGNITIVE X - International Cognitive Neuroscience Meeting - April 19-21, 2013

- Istanbul Bilgi University, Istanbul, Turkey. (Invited talk).
25. 30th International Congress of Clinical Neurophysiology, March 2014, Berlin, Germany (Oral presentation, Poster presentation).
 26. Internationales Symposium: Brain Oscillations and Cognition, Bremen, Germany; 13th November 2014 (Invited talk).
 27. Society of Biological Psychiatry 69th Annual Scientific Meeting, 8-10 Mayıs 2014, New York, USA (Poster presentation)
 28. 17th World Congress of Psychophysiology (IOP2014) Congress, Hiroshima, Japan 23-27 September 2014 (Symposium talk, Poster presentation).
 29. 55th Annual Meeting of Society for Psychophysiological Research, Seattle, Washington, September 30-October 4, 2015 (Poster presentation).
 30. The 18th World Congress of Psychophysiology (IOP2016) Congress, Habana, Cuba, 31 August-4 September 2016 (Symposium talk).
 31. Emotional Brain and Pathology Annual Meeting 2016, of the Société de Psychophysologie et de Neurosciences Cognitives Affiliated to the International Organization of Psychophysiology and Société des Neurosciences September 29-30 2016.Lille France (Invited talk).
 32. Updates on Human Brain Connectome: From Physiology to Diseases. Rome,Italy, 28-29 November 2016.(Attendee).
 33. Innovative analysis of electromagnetic brain signals for early diagnosis of Alzheimer and related dementias. UNDER THE AUSPICES OF THE INTERNATIONAL FEDERATION OF CLINICAL NEUROPHYSIOLOGY (I.F.C.N.). Rome, 19-20 June 2017 (Invited talk).
 34. BaCI 2017: International Conference on Basic and Clinical Multimodal Imaging, Bern, Switzerland (Talk for Erol Başar Career Contribution Award).
 35. 57 th Annual Meeting of Society for Psychophysiological Research, Vienna, Austria, 11-15 October 4, 2017 (Poster presentation).
 36. Multiscale Neurodynamics of Emotions and their Pathologies, 19th of October 2017, Lille France. (Invited talk).
 37. International Meeting on Education & Research in Health Sciences (IMER-HS). Istanbul, Turkey, 3-5 November 2017 (Symposium talk).
 38. 1st International Congress on Physiothernotherapy (ICPTT), Sarajevo, Bosnia and Herzegovia, 9-13 May 2018 (Symposium talk).
 39. The 19th World Congress of Psychophysiology (IOP2018) Congress. Lucca, Italy 4-8 September 2018 (Symposium talk).

Katıldığı Ulusal Bilimsel Toplantılar:

1. Ulusal Noroloji Kongresi, 5-10 Aralık 2005, İstanbul, Türkiye. (Sözlü Bildiri).
2. Disiplinler Arası 'Kaos' Kongresi, 13-15 Mayıs 2006, İstanbul, Türkiye. (Katılımcı).
3. Ulusal Psikiyatri Kongresi, 01-05 Kasım 2006, İstanbul, Türkiye. (Sempozyum Konuşmacı).

4. 6th National Congress of Neuroscience, 09-13 Nisan 2007, Safranbolu, Karabük, Türkiye. (Sözlü Bildiri).
5. 19. Ulusal Biyofizik Kongresi, 05-07 Eylül 2007, Konya, Türkiye. (Sözlü Bildiri).
6. 20. Ulusal Biyofizik Kongresi, 22-25 Ekim 2008, Mersin, Türkiye. (Sözlü Bildiri.)
7. 21. Ulusal Biyofizik Kongresi, 05-09 Ekim 2009, Diyarbakır, Türkiye. (Sözlü Bildiri).
8. 22. Ulusal Biyofizik Kongresi, 28 Eylül- 01 Ekim 2010, Aydın, Türkiye. (Poster Bildiri).
9. 46. Ulusal Psikiyatri Kongresi, 05-09 Ekim 2010, İzmir, Türkiye. (Sempozyum Konuşmacı).
10. "Çağımızın İki Büyük Sağlık Sorunu: Depresyon ve Demans" Semineri, 09 Aralık 2010, İstanbul Kültür Üniversitesi, İstanbul, Türkiye. (Düzenleme Komitesi, Katılımcı).
11. Türkiye Özel Okullar Birliği Derneği 10. Antalya Sempozyumu "Eğitim Ve Beyin", 03-05 Şubat 2011, Antalya, Türkiye (Davetli Konuşmacı).
12. 10. Ulusal Sinirbilim Kongresi, 09-12 Nisan 2011, İstanbul, Türkiye. (Sempozyum Konuşmacı).
13. Nöropsikiyatrik Hastalıklarda Beyin Görüntüleme Çalıştayı Haziran 2013 (Çalıştay Başkanı, Konuşmacı).
14. 12. Ulusal sinirbilim kongresi, 28-31 Mayıs 2014, İstanbul, Türkiye (Sempozyum Konuşmacı).
15. 14. Ulusal sinirbilim kongresi, 26-29 Mayıs 2016. Ankara, Türkiye (Sempozyum Konuşmacı).
16. 15. Ulusal sinirbilim kongresi, 7-10 Mayıs 2017, Sakarya, Türkiye (Sempozyum Konuşmacı).
17. 43. Ulusal Fizyoloji Kongresi, 07 – 10 Eylül 2017, Denizli, , Türkiye (Sempozyum Konuşmacı).
18. 28-29. Ulusal Biyofizik Kongresi, 6-9 Eylül 2017, İstanbul, Türkiye (Katılımcı).
19. 16. Ulusal Sinirbilim Kongresi, 20-23 Mayıs 2018, İstanbul, Türkiye (Sempozyum Konuşmacı).
20. 31. Ulusal Biyofizik Kongresi, 9-12 Ekim 2019, Adana, Türkiye (Sempozyum Konuşmacı, sözlü bildiri).