

ÖZGEÇMİŞ

1. Adı Soyadı : Veli Cengiz ÖZALP

İletişim Bilgileri

Adres : Konya Gıda ve Tarım Üniversitesi
Mühendislik ve Mimarlık Fakültesi
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Dedekorkut Mh., Beyşehir Cd., No 9
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2. Doğum Tarihi : 1967

3. Unvanı : Doç. Dr.

4. Öğrenim Durumu :

Derece	Alan	Üniversite	Yıl
Lisans	Biyoloji	Orta Doğu Teknik Üniversitesi	1990
Yüksek Lisans	Biyoloji	Orta Doğu Teknik Üniversitesi	1993
Doktora	Biyoloji	Orta Doğu Teknik Üniversitesi	2000

5. Akademik Unvanlar

Doçent İstanbul Kemerburgaz Üniversitesi (Altınbaş Üniversitesi) (2013-2017)
Doçent Konya Gıda ve Tarım Üniversitesi (2017)

Doçentlik unvanını aldığı tarih: 14/12/2012 (YÖK)

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

- Meltem Ercan, Genotyping A Thalassemia Point Mutation By Probe-Gated Silica Nanoparticles. Biyoteknoloji, Yeditepe Üniversitesi, 2017 (II. Danışman).
- Tuğçe Döz, Gazi Üniversitesi, 2015-Devam ediyor. (II. Danışman)
- Görkem Liman, Gazi Üniversitesi, 2015-Devam ediyor. (II. Danışman)
- Uğuray Dinçbal, Gazi Üniversitesi, 2014-Devam ediyor. (II. Danışman)

6.2. Doktora Tezleri

- Frank Jeyson Hernandez. Design of Biosensors exploiting conformational changes in biomolecules. University of Rovira i Virgili, Tarragona, 2008. Ph.D. in Chemical Engineering. (II. Danışman)
- Murat Kavruk, Biyoteknoloji, Orta Doğu Teknik Üniversitesi, 2010-devam ediyor. (II. Danışman)
- Samet Uçak, Biyomühendislik, Yıldız Teknik Üniversitesi, 2016-Devam ediyor. (II. Danışman)

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler

54. Ercan, M., **Ozalp, V.C.**, Tuna, B.G. 2017. Genotyping of single nucleotide polymorphism by probe-gated silica nanoparticles. *Analytical Biochemistry*, 537: 78-83.
53. Bayramoglu, G., Doz, T., **Ozalp, V.C.**, Arica, M.Y. 2017. Improvement stability and performance of invertase via immobilization on to silanized and polymer brush grafted magnetic nanoparticles. *Food Chemistry*, 221: 1442-1450.
52. Bayramoglu, **Ozalp, V.C.**, Arica, M.Y. 2017. Removal of Disperse Red 60 dye from aqueous solution using free and composite fungal biomass of *Lentinus concinnus*. *Water Science and Technology*, 75: 366-377.
51. Hernandez, L.I., **Ozalp, V.C.**, Hernandez, F.J. 2016. Nuclease activity as a specific biomarker for breast cancer. *Chemical Communications*, 52 (83): 12346-12349.
50. Borsa, B.A., Aldağ, M.E., Tunalı, B., Dinç, U., Güngördü Dalar, Z., **Özalp, V.C.** 2016. A Sepsis Case Caused by a Rare Opportunistic Pathogen: *Bacillus pumilus*. *Bulletin of Microbiology*, 50: 466-470.
49. Borsa, B.A., Tuna, B.G., Hernandez, F.J., Hernandez, L.I., Bayramoglu, G., Arica, M.Y. and **Ozalp, V.C.** 2016. *Staphylococcus aureus* detection in blood samples by silica nanoparticle-oligonucleotides conjugates. *Biosensors and Bioelectronics*. 86: 27-32.
48. Borsa, B.A., Aldag, M.A., Yilmaz, M., Dalar, Z.G., **Ozalp, V.C.** 2016. Comparison of a Novel Test (ODAK Brucella Coombs Gel Test) with Commonly Used Serological Tests in Human Brucellosis. *Clinical Laboratory*, DOI: 10.7754/Clin.Lab.2015.150140.
47. **Ozalp, V.C.**, Cam, D., Hernandez, F.J., Hernandez, L.I., Schäfer, T., and Oktem, H.A. 2016. Small molecule detection by lateral flow strips via aptamer-gated silica nanopropes. *Analyst*. 141: 2595 – 2599.
46. Bayramoglu, G., Arica, M.Y., Genc, A., **Ozalp, V.C.**, Ince, A., Bicak, N. 2016. A facile and efficient method of enzyme immobilization on silica particles via Michael acceptor film coatings: immobilized catalase in a plug flow reactor. *Bioprocess and Biosystems Engineering*. 39 (6): 871-881.
45. **Ozalp, V.C.**, Bayramoglu, G., Arica, M.Y. 2015. Magnetic silica nanoparticle–Taq polymerase hybrids for multiple uses in polymerase chain reaction. *RSC Advances*. 5: 87672-87678.
44. Bayramoglu, G., Tekinay, T., **Ozalp, V.C.**, Arica, M.Y. 2015. Fibrous polymer grafted magnetic chitosan beads with strong poly(cation-exchange) groups for single step purification of lysozyme. *Journal of Chromatography B*. 990: 84-95.
43. Kavruk, M., Celikbicak, O., **Ozalp, V.C.**, Borsa, B.A., Hernandez, F.J., Bayramoglu, G., Salih, B., Arica, M.Y. 2015. Antibiotic loaded nanocapsules functionalized with aptamer gates for targeted destruction of pathogens. *Chemical Communications*. 51: 8492-8495.
42. **Ozalp, V.C.**, Kavruk, M., Dilek, O., Bayrac, A.T. 2015. Aptamers: Molecular Tools for Medical Diagnosis. *Current Topics in Medicinal Chemistry*. 15 (12): 1125-1137. (Derleme)
41. Schafer, T. and **Ozalp, V.C.** 2015. DNA-aptamer gating membranes. *Chemical Communications*. 51 (25): 5471-5474.
40. G. Bayramoglu, A. Akbulut, **V. C. Ozalp**, M. Y. Arica. 2015. Immobilized lipase on micro-porous biosilica for enzymatic transesterification of algal oil. *Chemical Engineering Research and Design*. 95:12–22.
39. G. Bayramoglu, **V. C. Ozalp**, M. Yilmaz, B. Salih, M. Y. Arica. 2015. Lysozyme specific aptamer immobilized MCM-41 silicate for single-step purification and quartz crystal microbalance (QCM)-based determination of lysozyme from chicken egg white. *Microporous and Mesoporous Materials*. 207: 95-104.
38. **Ozalp, VC.**, Bayramoglu, G., Erdem, Z., Arica, MY. 2015. Pathogen detection in complex samples by quartz crystal microbalance sensor coupled to aptamer functionalized core-shell type magnetic separation. *Analytica Chimica Acta*. 853: 533-540.
37. Machado, IB, **Ozalp, VC**, Rezabal, E and Schäfer, T. 2014. Molecular Recognition by a DNA-Aptamer Molecular Beacon in a Protic Ionic Liquid Solution. *Chemistry-A European Journal*. 20 (37): 11820-5.
36. Frank J. Hernandez, Luiza I. Hernandez, Murat Kavruk, Yakup M. Arica, Gülay Bayramoğlu, Baris A. Borsa, Hüseyin A. Öktem, Thomas Schäfer and **Veli C. Özalp**. 2014. NanoKeepers: stimuli responsive nanocapsules for programmed specific targeting and drug delivery. *Chemical Communications*. 50, 9489-9492.

35. Senyurt O, Eyidoğan F, Yılmaz R, Oz MT, **Ozalp VC**, Arica Y, Oktem HA. 2014. Development of a paper type tyrosinase biosensor for detection of phenolic compounds. *Biotechnology and Applied Biochemistry*. 62 (1): 132-136.
34. Bayramoglu, G., Gozen, D., Ersoy, G., **Ozalp, VC**, Akcali, K.C., Arica, MY. 2014. Examination of fabrication conditions of acrylate-based hydrogel formulations for doxorubicin release and efficacy test for hepatocellular carcinoma cell. *Journal of Biomaterials Science, Polymer Edition*, 25 (7): 657-678.
33. Bayramoglu, G., **Ozalp, VC**, Arica, MY. 2014. Preparation and characterization of mixed-mode magnetic adsorbent with *p*-amino-benzamidine ligand: Operated in a magnetically stabilized fluidized bed reactor for purification of trypsin from bovine pancreas. *Process Biochemistry*, 49 (3): 520-528.
32. Bayramoglu, G., **Ozalp, VC**, Arica, MY. 2014. Magnetic Polymeric Beads Functionalized with Different Mixed-Mode Ligands for Reversible Immobilization of Trypsin. *Industrial & Engineering Chemistry Research*, 53 (1): 132-140.
31. **Ozalp VC**, Bayramoglu G, Kavruk, M., Keskin, B., Öktem, HA, and Arica MY. 2014. Pathogen detection by core-shell type aptamer-magnetic pre-concentration coupled to real-time PCR. *Analytical Biochemistry* 447: 119-125.
30. **Ozalp VC**, Pinto, A., Nikulina, E., Chuvilin, A. and Schäfer, T. 2013. In situ Monitoring of DNA-Aptavalve Gating Function on Mesoporous Silica Nanoparticles. *Particle & Particle Systems Characterization* 31 (1): 161-167.
29. **Ozalp VC**, Bayramoglu G, Arica MY, Oktem HA. 2013. Design of a core-shell type immuno-magnetic separation system and multiplex PCR for rapid detection of pathogens from food samples. *Applied Microbiology and Biotechnology*. 97(21):9541-51.
28. Schröder TD, **Ozalp VC**, Lunding A, Jernshøj KD, Olsen LF. 2013. An experimental study of the regulation of glycolytic oscillations in yeast. *FEBS Journal*. 280 (23): 6033-6044.
27. Bayramoglu, G., **Ozalp, VC**, Arica, MY. 2013. Adsorption and separation of immunoglobulins by novel affinity core-shell beads decorated with Protein L and l-histidine. *Journal of Chromatography B*. 396: 1-9.
26. **Ozalp, V.C.**, Zeydanlı, U.S., Lunding, A., Kavruk, M., Oz, M.T., Eyidoğan, F., Olsen, L.F., Oktem, H.A. 2013. Nanoparticle Embedded Enzymes for Improved Lateral Flow Sensors. *Analyst*. 138 (15): 4255-4259.
25. Kavruk, M., **Ozalp, V.C.**, Oktem, H.A. 2013. Portable bioactive paper-based biosensor for quantification of pesticides. *Journal of Analytical Methods in Chemistry*. Volume 2013 (2013), Article ID 932946, 8 pages.
24. **Ozalp, V.C.**, Bilecen, K., Kavruk, M., Oktem, H.A. 2013. Antimicrobial aptamers for detection and inhibition of microbial pathogen growth. *Future Microbiology*. 8(3): 387-401. (Derleme)
23. Hernandez, F.J., Hernandez, L.I., Pinto, A., Schäfer, T., **Özalp, V.C.** 2013. Targeting Cancer Cells with Controlled Release Nanocapsules based on Single Aptamer. *Chemical Communications*. 49, 1285-1287.
22. Serrano-Santos, M. B., E. Llobet, **Ozalp, V.C.**, Schafer, T. 2012. Characterization of Structural Changes in Aptamer Films for Controlled Release Nanodevices. *Chemical Communications*. 48 (81): 10087-10089.
21. Ytting, C.K., Fuglsang, A.T., Hiltunen, K., Kastaniotis, A.J., **Ozalp, V.C.**, Nielsen, L.J., and Olsen, L.F. 2012. Measurements of intracellular ATP provide new insight into the regulation of glycolysis in the yeast *Saccharomyces cerevisiae*. *Integrative Biology*. 4(1): 99-107.
20. **Ozalp, V.C.** 2012. Dual Polarization Interferometry for Quantification of Small Molecules Using Aptamers. *Analytical and Bioanalytical Chemistry*. 402(2): 799-804.
19. **Ozalp, V.C.** 2011. Acoustic Quantification of ATP Using Quartz Crystal Microbalance with Dissipation. *Analyst*. 136 (23): 5046-5050.
18. **Ozalp, V.C.** and Schafer, T. 2011. Aptamer-based Switchable Nanovalves for Stimuli-Responsive Drug Delivery. *Chemistry-A European Journal*. 17(36): 9893-9896.
17. **Ozalp, V. C.**, Nielsen, L. J., Olsen, L. F. 2010. An Aptamer-based Nanobiosensor for Real-Time Measurements of ATP Dynamics. *ChemBioChem*. 11(18): 2538-2541.
16. **Ozalp, V. C.**, Pedersen, T. R., Nielsen, L. J., Olsen, L. F. 2010. Time-Resolved Measurements of Intracellular ATP in the Yeast *Saccharomyces cerevisiae* Using A New Type of Nanobiosensor. *Journal of Biological Chemistry*. 285(48): 37579-37588.
15. Nielsen, L. J., Olsen, L. F., **Ozalp, V. C.** 2010. Aptamers Embedded in Polyacrylamide Nanoparticles: A Tool for *in Vivo* Metabolite Sensing. *ACS Nano*. 4 (8): 4363-4370.
14. Nasef H, **Ozalp VC**, Beni V, O'Sullivan CK. 2010. Melting temperature of surface-tethered DNA. *Analytical Biochemistry*, 406 (1): 34-40.

13. Nasef H, Beni V, **Ozalp VC**, O'Sullivan CK. 2010. Cystic fibrosis: a label-free detection approach based on thermally modulated electrochemical impedance spectroscopy. *Analytical and Bioanalytical Chemistry*. 396(7): 2565-74.
12. Pinto, A., Bermudo Redondo, M. C., **Ozalp, V. C.**, O'Sullivan, C. K. 2009. Real-time apta-PCR for 20000-fold improvement in detection limit. *Molecular Biosystems*. 5 (5): 548-553.
11. Hernandez, F. J., Dondapati, S. J., **Ozalp, V. C.**, Pinto, A., O'Sullivan, C. K., Klar, T. A., Katakis, I. 2009. Label free optical sensor for Avidin based on single gold nanoparticles functionalized with aptamers. *Journal of Biophotonics*, 2 (4): 227-231.
10. **Ozalp, V.C.**, Nygren, A.O.H., and C.K. O'Sullivan. 2008. Fluorescent Resonance Energy Transfer (FRET) Based Detection of Multiplex Ligation-dependent Probe Amplification assay (MLPA) Product. *Molecular Biosystems*. 4 (9): 950-954.
09. Mairal, T., **Ozalp, C.**, Lozano, P., Mir, M., Katakis, I. and O'Sullivan, C. 2008. Aptamers: Molecular Tools for Analytical Applications. *Analytical and Bioanalytical Chemistry*. 390 (4): 989-1007.
08. Oktem, H. A., Bayramoglu, G., **Ozalp, V. C.**, Arica, M. Y. 2007. Single-Step Purification of Recombinant *Thermus aquaticus* DNA Polymerase Using DNA-Aptamer Immobilized Novel Affinity Magnetic Beads. *Biotechnology Progress*, 23 (1): 146-154.
07. **Ozalp, C.**, Szczesna-Skorupa, E., Kemper, B. 2006. Identification of Membrane-Contacting Loops of the Catalytic Domain of Cytochrome P450 2C2 by Tryptophan Fluorescence Scanning. *Biochemistry*, 45 (14): 4629 -4637.
06. **Ozalp, C.**, Szczesna-Skorupa, E., Kemper, B. 2005. Bimolecular Fragment Complementation Analysis of Cytochrome P450 2C2, 2E1 and NADPH-Cytochrome P450 Reductase Molecular Interactions in Living Cells. *Drug Metabolism and Disposition*, 33(9):1382-90.
05. Bhalla, S., **Ozalp, C.**, Fang, S., Xiang, L., Kemper, J. K. 2004. Ligand-activated Pregnane X Receptor Interferes with HNF-4 Signaling by Targeting a Common Coactivator PGC-1. *Journal of Biological Chemistry*, Oct 2004; 279: 45139 – 45147.
04. Daniel Reisen, Nathalie Leborgne-Castel, **Cengiz Özalp**, François Chaumont and Francis Marty 2003. Expression of a cauliflower tonoplast aquaporin tagged with GFP in tobacco suspension cells correlates with an increase in cell size. *Plant Molecular Biology*. 52 (2): 387-400.
03. **Ozalp, VC.**, Naqvi, SMS, Öktem, HA., Yücel, M. 2000. Photosystem II and Cellular Membrane Stability Evaluation in Hexaploid Wheat Seedlings under Salt Stress Conditions. *Journal of Plant Nutrition*, 23 (2): 275-283.
02. Naqvi, SMS, **Ozalp, VC.**, Öktem, HA., Yücel, M. 1995. Salt-induced Synthesis of New Proteins in the Roots of Rice Varieties. *Journal of Plant Nutrition*, 18(6): 1121-1137.
01. Naqvi, SMS., **Ozalp, VC.**, Öktem, HA., Yücel, M. 1994. Two-dimensional Electrophoresis with a Different Approach to Isoelectric Focusing. *Analyst*, 119:1341-1344.

7.2. Uluslar arası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceeding) basılan bildiriler.

8. Baris A. Borsa, Bilge G. Tuna, Gulay Bayramoglu, M. Yakup Arica, and **V.Cengiz Ozalp**. *Staphylococcus aureus* detection in blood samples by aptamer-based magnetic pulldown. 12th International Nanoscience and Nanotechnology Conference (NanoTR12), 03-05 June 2016, Darica, Turkey.
7. Murat Kavruk, **Veli Cengiz Özalp** and Çağdaş Devrim Son. Aptamer-Mediated Drug Delivery By Using Nanocapsules. 12th International Nanoscience and Nanotechnology Conference (NanoTR12), 03-05 June 2016, Darica, Turkey.
6. Dilek O, **Ozalp, VC**. Aptamer-gated silica nanoparticles synthesized via click chemistry. ASCB/IFCB Meeting Location: Philadelphia, Dec 2014. MOLECULAR BIOLOGY OF THE CELL Volume: 25 Meeting Abstract: P671
5. A. Pinto, F.J. Hernandez, L.I. Hernandez, M.B. Serrano Santos, V.C. Özalp, T. Schäfer *Aptavalves for Stimulus-Responsive Hybrid Nanodevices*, Third International Conference on Multifunctional, Hybrid and Nanomaterials Hybrid Materials 2013, 3-7 March 2013 in Sorrento, Italy.

4. A.Pinto, M.Svobodova, M.C. Bermudo, P. Nadal Polo, **C.V.Ozalp**, C.K.O'Sullivan. Towards the aptamers mediated detection of wheat high molecular weight glutenin. XIV. Trobado Transfronterera sobre Sensores i Biosensors (XIV. Cross-Border Meeting on Sensors and Biosensors), Banyul Sur Mer, France, 2009.
3. P. Nadal Polo, **V. Cengiz Ozalp**, N. Canela, I. Katakis, C. K. O'Sullivan. Preparation of aptamers against lupine potential allergens. XIV. Trobado Transfronterera sobre Sensores i Biosensors (XIV. Cross-Border Meeting on Sensors and Biosensors), Banyul Sur Mer, France, 2009.
2. Laureyn, W., Liu, C., O'Sullivan, C.K., **Ozalp, V.C.**, Nilsson, O., Fermer, C., Drese, K.S., Roeser, T., Ritzi, M., Hauch, S., Albert, W., Borgen, E., Nygren, A.O.H. Lab-on-chip for the isolation and characterization of circulating tumor cells (2007) 2007 NSTI Nanotechnology Conference and Trade Show, Santa Clara, California, U.S.A. - NSTI Nanotech 2007, Technical Proceedings, 2, pp. 229-231.
1. T. Roeser, M. Ritzi, K. S. Drese, W. Laureyn, C. Liu, C. K. O'Sullivan, **V. C. Ozalp**, C. Fermér, O. Nilsson, S. Hauch, W. Albert, E. Borgen, and A. O. H. Nygren, "Lab-on-chip for the isolation and characterization of circulating tumor cells." 2007, pp. 6446-6448.

7.3. Yazılan Uluslararası kitaplar veya kitaplarda bölümler.

5. Yi Long, Franziska Pfeiffer, Günter Mayer, Tine Daa Schröder, **Veli Cengiz Özalp**, and Lars Folke Olsen. "Selection of Aptamers for Metabolite Sensing and Construction of Optical Nanosensors" in **Nucleic Acid Aptamers** (Editor: G. Mayer), Springer, 978-1-4939-3196-5 (ISBN). 2016.
4. **Ozalp, V.C.**, Kavruk, M., Dilek, O., Bayrac, A.T. "Aptamers in Medical Diagnosis", in **Aptamers - Tools for Nanotherapy and Molecular Imaging**, (Editor: Rakesh Veedu), Pan Stanford Publishing, 2016. 9789814669832 (ISBN). 2016.
3. Hernandez, F.J., Kavruk, M., Hernandez, L.I., **Ozalp, V.C.** "Nanocapsules in Biomedicine" in **Advanced Theranostic Materials** (Editors: A. Tiwari, H.K. Patra, J-W., Choi), Scrivener Publishing, Wiley 978-1-118-99829-8 (ISBN). 2015.
2. **Ozalp, V.C.** and Schafer, T. "Aptamer-Nanoparticle Bioconjugates for Drug Delivery", in **Nanoparticles**. (Editor: Hashimi, A.), Intech publishing, 2012.
1. Schafer, T. and Ozalp, V.C. "Oligonucleic acids ("Aptamers") for Designing Stimuli-responsive Membranes" in **Responsive Membranes and Materials**. (Editors: Wickramasinghe, R., Daunert, S. and Schafer, T.), John Wiley Publishing, 2012.

7.4. Ulusal hakemli dergilerde yayımlanan makaleler

2. Gundoguş, N., Sayilir, C., **Ozalp, VC.**, Ozkan, F., Yücel, M., Criss, EW. 1995. Effects of Polyamine Stimulated Casein Kinase II from Rat Brain on Cellular Oncogene Activities. *Turkish Journal of Medical Sciences*, 23: 107-116.
1. Oktem, HA., Ozkan, F., **Ozalp, VC.**, Yücel, M. 1994. Agrobacterium mediated Gene Transfer. *Turkish Journal of Botany*, Vol.18, 397-405

7.5. Ulusal bilimsel toplantılarda sunulan bildiri kitabında basılan bildiriler

5. Göktuğ Karabıyık, , **Veli Cengiz Özalp**, Samet Uçak, Soner Doğan , Bilge G. Tuna Anti-Kanser İlaç Taşıyan Aptamer-Silika Nanopartiküllerin Meme Kanseri Hücreleri Üzerine Etkisi. 28-29. Ulusal Biyofizik Kongresi. 6-9 Eylül 2017, Acıbadem Üniversitesi, İstanbul (Sözlü sunum, S47).
4. Meltem Ercan, Samet Uçak, Bilge G. Tuna, **Veli Cengiz Özalp**. Beta Talasemide Bir Nokta Mutasyonu

Genotiplendirilmesi için Prob-Kapılı Silika Nanoparçacıklar ile Test Geliştirilmesi. 28-29. Ulusal Biyofizik Kongresi. 6-9 Eylül 2017, Acıbadem Üniversitesi, İstanbul (Sözlü sunum, S38).

3. Nazlı Ataş, Göktuğ Karabıyık, , **Veli Cengiz Özalp**, Soner Doğan, Bayram Yılmaz, Bilge G. Tuna. hücre kültürü modelinin farklı shear stress koşullarındaki karakterizasyonu. 28-29. Ulusal Biyofizik Kongresi. 6-9 Eylül 2017, Acıbadem Üniversitesi, İstanbul (Poster sunumu, P17).
2. Bilge G. Tuna, Göktuğ Karabıyık, Nazlı Ataş, Soner Doğan, Bayram Yılmaz, **Veli Cengiz Özalp**. spesifik transglutaminaz inhibitörü olarak enflamasyon hedefli ve kontrollü salınım yapan bir sistem geliştirilmesi. 28-29. Ulusal Biyofizik Kongresi. 6-9 Eylül 2017, Acıbadem Üniversitesi, İstanbul (Poster sunumu, P36).
1. Fulya Küçükçankurt, **Veli Cengiz Özalp**, Samet Uçak ve Nedret Altıok. Meme Kanserinde Her2 Reseptörüne Karşı Dna Aptamer Geliştirilmesi. Hastalıkta ve Sağlıkta Biyobelirteçler Uluslararası Katılımlı II. *in vitro* Diagnostic Sempozyumu. 10-12 Mayıs 2017, Dokuz Eylül Üniversitesi, İzmir (Poster sunumu).

7.6 Diğer Yayınlar: Patents

3. Applications and tools based on silica particles coated with biological or synthetic molecules. Oktem, H.A., **Ozalp, V.C.**, Hernandez, F.J., Hernandez, L.I. Publication No.: WO2015160317 A1. 2015.
2. Aptamer-gated nanoparticles for lateral flow assays. **Ozalp, V.C.**, Oktem, H.A., Hernandez, F.J., Hernandez, L.I., Schafer, T. Publication No.: WO2015088455, Publication Date: 18.06.2015.
1. Nucleic acid nanobiosensors. Inventors: Lars Folke Olsen, **Cengiz Ozalp**, Lise Junker Nielsen, University of Southern Denmark. Publication No.:WO/2011/003424, Publication Date:13.01.2011.

8.Projeler

Yönetilen Projeler:

1. Patho-Screen: Electrochemical aptasensors for the rapid screening of pathogens in environmental and food samples, Swedish Research Council, Links Program, 2014-2017.
2. Antimicrobial Aptamers-BIDEB2232, Doktora Sonrası Geri Dönüş Bursu, 2012-2014. TÜBİTAK.
3. Glusens (Reagentless Electrochemical & Fluorescent Biosensor Formats for Detection of Coeliac Disease Toxic Gluten in Raw and Processed Foodstuffs) 221310, FP7_PEOPLE-2007-2-1-IEF, 2007-2008.
4. Selection of Toxic Gluten and Glutenin Aptamers- 2007PIV00032, AGAUR, Catalan Government, Spain

Projelerde Yaptığı Diğer Görevler :

1. **Araştırmacı:** Hücre kültürü Ateroskleroz Modelinde Transglutaminaz Inhibitörünün Hedefli ve Kontrollü Salınımı, (TÜBİTAK-3501, 115S233). 2015-2017
2. **Danışman:** Helal Gıda Denetiminde Jelatin, Glutamat ve L-Sisteinin Kaynağına Yönelik Hızlı, Ekonomik ve Pratik Tespit Metotlarının Geliştirilmesi, Uygulanması ve Yaygınlaştırılması, (TÜBİTAK-1003, 115O065). 2015-2018
3. **Danışman:** *Brucella melitensis* için aptamer seçimi, hedef bakterinin kompleks süt örneklerinden manyetik ön zenginleştirilmesi ve QCM tanı sistemi geliştirilmesi, (TÜBİTAK-1001, 115S281). 2015-2018

4. **Arařtırmacı:** Hedefe Yönelik Aptamer-İlaç Konjugatı: Kanser Tedavisinde Hücre İçine Selektif İlaç Taşınması ve Dual İnhibitör Etki (TÜBİTAK-1001, 114S517). 2014-2017.
5. **Arařtırmacı:** Rapid Pathogen Identification System based on Aptamer Agglutination Assay, The Scientific and Technological Research Council of Turkey (TÜBİTAK)-Hızlı Destek. 2013-2014.
6. **Arařtırmacı:** Mixed-Matrix Interfaces for Enhanced Fine Chemicals Downstream Processing and Monitoring (MATRIX), funded by ERC-IDEAS-Starting Grant. 2010-2012.
7. **Arařtırmacı:** Time-resolved metabolite sensing in living cells using optical nanosensors (LIMES), University of Southern Denmark, funded by the Danish Research Council for Technology and Production. 2008-2010
8. **Proje Yöneticisi:** Integrated Microsystem for the magnetic Isolation and Analysis of Single Circulating Tumour cells for oncology Diagnostics and therapy follow-up (MASCOT), University of Rovira I Virgili, funded by FP6-2005-IST-027652. 2006-2007
9. **Arařtırmacı:** Structural Determinants of Functional Cytochrome P450, University of Illinois at Urbana-Champaign, funded by NIH (Project Number: 5R01GM035897-20). 2002-2005
10. **Arařtırmacı:** Effects of Salt and Osmotic stress on Plant Vacuole Aquaporins, University of Burgundy, Funded by the Conseil Régional de Bourgogne, the Délégation Régionale à la Recherche et à la Technologie, France. 2002

9.İdari Görevler

TARİH	KURUM/KURULUŞ	GÖREV
2016-2017	İstanbul Kemerburgaz Üniversitesi, Tıp Fakültesi, Temel Bilimler Bölümü	Anabilim Dalı Başkanı, Tıbbi Biyoloji
2015-2016	İstanbul Kemerburgaz Üniversitesi, Tıp Fakültesi	Dekan Yardımcısı
2014-2015	İstanbul Kemerburgaz Üniversitesi, Tıp Fakültesi, Temel Bilimler Bölümü	Bölüm Başkanı
2016-2017	İstanbul Kemerburgaz Üniversitesi, Tıp Fakültesi	Fakülte Yönetim Kurulu Doçent Temsilcisi
2014-2017	İstanbul Kemerburgaz Üniversitesi	Yayın Destek Komisyonu Üyesi
2012-2013	Nanobiz Ltd., Ankara	Araştırma-Geliştirme