

## ÖZGEÇMİŞ



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**1. Adı Soyadı:** Şükrü Tüzmen

**2. Doğum Tarihi:** 28 Kasım 1964

**3. Ünvanı:** Doçent

**4. Yabancı Diller:** İngilizce

**5. Öğrenim Durumu:**

Derece	Bölüm/Program	Üniversite/Enstitü	Yıl
Lisans	Biyoloji	Boğaziçi Üniversitesi	1990
Yüksek Lisans (Tezli)	Biyoloji	Boğaziçi Üniversitesi	1992
Doktora	Moleküler Biyoloji ve Genetik	Boğaziçi Üniversitesi	1995
Postdoc	Laboratory of Chemical Biology (LCB)	NIH/NIDDK A.B.D.	1996-2001

## 6. Akademik Ünvanlar

<b>Doçent</b>	DAÜ, K.K.T.C., Tarihi : Kasım 2012 -
<b>Yardımcı Doçent</b>	DAÜ, K.K.T.C., Tarihi : Şubat 2012-Kasım 2012
<b>Direktör</b>	DAÜ Etik Kurulu, K.K.T.C., Tarihi : Kasım 2015 - Ocak 2019
<b>Direktör Yardımcısı</b>	DAÜ Etik Kurulu, K.K.T.C., Tarihi : Eylül 2012 - Kasım 2015
<b>Adjunct Investigator</b>	TGen, AZ, A.B.D., Tarihi : 2009-
<b>Adjunct Professor</b>	ASU, AZ, A.B.D., Tarihi: 2008 -
<b>Adjunct Assoc. Professor</b>	UMUC, MD, A.B.D., Tarihi: 2001 -
<b>Bölüm Başkanı, Molecular Genetics Laboratory</b>	TGen, AZ, A.B.D., Tarihi: 2005-2009
<b>Staff Scientist</b>	TGen, MD, A.B.D., Tarihi: 2002-2005
<b>Senior Research Associate (Laboratory Manager)</b>	USUHS, MD, A.B.D., Tarihi: 2001-2002

## 7. Yönetilen Yüksek Lisans ve Doktora Tezleri

### 7.1. Yüksek Lisans Tezleri

1. Bayraktar P., “Çocukluk Çağı Akut Lenfoblastik Lösemisinde Farmakogenetik Yaklaşımlar”, Yakın Doğu Üniversitesi (YDÜ), Lefkoşa / Doğu Akdeniz Üniversitesi (DAÜ), Mağusa, K.K.T.C., Mersin 10-Türkiye, (Devam ediyor 2018).
2. Kılgöz H., “Molecular Approaches for Downregulating Heme-mediated Immune Response”, Bilkent Üniversitesi, Ankara, Türkiye / Doğu Akdeniz Üniversitesi (DAÜ), Mağusa, K.K.T.C., Mersin 10-Türkiye, (Devam ediyor 2018).
3. Rajab A., “Binding Analysis of Perylene Diimide with DNA” Doğu Akdeniz Üniversitesi (DAÜ), Mağusa, K.K.T.C., Mersin 10-Türkiye, (Devam ediyor 2018).
4. Özbil T., “Energy and Electron Transfer Analysis of Perylene Diimide with DNA” Doğu Akdeniz Üniversitesi (DAÜ), Mağusa, K.K.T.C., Mersin 10-Türkiye, (Devam ediyor 2018).
5. İnanmaz H., “Kuzey Kıbrıs Türk Cumhuriyeti’nde Yaşayan Talasemi Majörlü Bireylerdeki Beslenme Alışkanlıkları, Beslenme Bilgi Düzeyi, Antropometrik Ölçümleri ve Fiziksel Aktivite Düzeylerinin Belirlenmesi” Lefke Avrupa Üniversitesi (LAÜ), Lefke, K.K.T.C., Mersin 10-Türkiye, (Devam ediyor 2018).

### 7.2. Doktora Tezleri

1. Çetin, İ. N., “Petri Net-Based Quantitative Modeling and Validation of p16-mediated Signaling Pathway” DAÜ, K.K.T.C., Ocak, 2016.
2. Mehraei, M., “Exploiting hybrid functional Petri nets to investigate transcriptional activity of Hemoglobin Switching”, DAÜ, K.K.T.C., Temmuz, 2016.

## 8. Yayınlar

### 8.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SCIE)

1. Mehraei M, Bashirov R, **Tüzmen Ş**, “Target-based drug discovery for Beta-globin disorders: drug target prediction using quantitative modeling with hybrid functional Petri nets”. J Bioinform Comput Biol. (SCIE), 14 (5), 2016.

2. Nimet İlke Akçay Bashirov R, **Tüzmen Ş**, “Validation of Signalling Pathways: Case Study of the p16-Mediated Pathway”. J Bioinform and Comput Biol. (SCIE), 13 (2), 2015.
3. Yalinca Z., Yilmaz E., Taneri B., Bullici F., **Tuzmen S.** “Blood contact properties of ascorbyl chitosan”. J Biomater Sci Polym Ed. (SCI), Cilt 17, 1969-87 pp., 2013.
4. Aline Mamo, Luca Cavallone, **Sukru Tuzmen**, Catherine Chabot, Cristiano Ferrario, Saima Hassan, Henrik Edgren, Olli Kallioniemi, Olga Aleynikova, Ewa Przybytkowska, Kristin Malcolm, Spyro Mousses, Patricia N. Tonin and Mark Basik. “An integrated genomic approach identifies ARID1A as a candidate tumor suppressor gene in breast cancer”. Oncogene (SCI), Cilt 31, 2090-2100 pp., 2012.
5. Sevtap Savas, David O. Azorsa, Hamdi Jarjanazi, Irada Ibrahim-Zada, Irma M. Gonzales, Shilpi Arora, Meredith C. Henderson, Yun Hee Choi, Laurent Briollais, Hilmi Ozcelik, and **Sukru Tuzmen**. “NCI60 Cancer Cell Line Panel Data and RNAi Analysis Help Identify EAF as a Modulator of Simvastatin and Lovastatin Response in HCT-116 Cells”, PLoS ONE (SCIE), Cilt 6, Sayı 4, e18306. 2011.
6. Yesim Gökmen-Polar, Mangesh A. Thorat, **Sukru Tuzmen**, Jamie B. Hadley, Kerry L. Sanders, Dmitry Turbin, Samuel Leung, David G. Huntsman, George W. Sledge, Jr., and Sunil Badve, "Differential subcellular expression of protein kinase C  $\beta$ II in breast cancer- correlation with breast cancer subtypes", Breast Cancer Research and Treatment (SCI), Cilt 124, Sayı 2, 327-335 pp., 2010.
7. Z. Lacroix, C.R.L. Legendre, and **S. Tuzmen**, "Reasoning on Scientific Workflows", IEEE Computer Society (SCIE), Cilt 1, 306-313 pp., 2009.
8. Basu GD, Azorsa DO, Kiefer JA, Rojas AM, **Tuzmen S**, Barrett MT, Trent JM, Kallioniemi O, Mousses S, "Functional evidence implicating S100P in prostate cancer progression", Int J Cancer (SCI), Cilt 123, 330-339 pp., 2008.
9. Jarjanazi H, Kiefer J, Savas S, Briollais L, **Tuzmen S**, Pabalan N, Ibrahim-Zada I, Mousses S, Ozcelik H., "Discovery of genetic profiles impacting response to chemotherapy: application to gemcitabine", Hum Mutat. (SCI), Cilt 29, 461- 467 pp., 2008.
10. Kuuselo R, Savinainen K, Azorsa DO, Basu GD, Karhu R, **Tuzmen S**, Mousses S, Kallioniemi A., "Intersex-like (IXL) is a cell survival regulator in pancreatic cancer with 19q13 amplification", Cancer Res (SCI), Cilt 67, 1943-1949 pp., 2007.
11. Savas S, **Tuzmen S**, Ozcelik H., "Human SNPs resulting in premature stop codons and protein truncation.", Hum Genomics (SCI), Cilt 2, 274-286 pp., 2006.
12. Huusko P, Ponciano-Jackson D, Wolf M, Kiefer JA, Azorsa DO, **Tuzmen S**, Weaver D, Robbins C, Moses T, Allinen M, Hautaniemi S, Chen Y, Elkahloun A, Basik M, Bova GS, Bubendorf L, Lugli A, Sauter G, Schleutker J, Ozcelik H, Elowe S, Pawson T, Trent JM, Carpten JD, Kallioniemi OP, Mousses S., "Nonsense-mediated decay microarray analysis identifies mutations of EPHB2 in human prostate cancer.", Nat Genet. (SCI), Cilt 36, 979-983 pp., 2004.

13. **Tuzmen, S.**, Schechter, A. N., "Genetic diseases of hemoglobin: diagnostic methods for elucidating  $\beta$ -thalassemia mutations", Blood Reviews (SCI), Cilt 15 (1), 19-29 pp., 2001.
14. Tadmouri GO, **Tüzmen S**, Ozçelik H, Ozer A, Baig SM, Senga EB, Başak AN. , "Molecular and population genetic analyses of beta-thalassemia in Turkey.", Am J Hematol. (SCI), Cilt 57, 215-220 pp., 1998.
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16. **Tüzmen S**, Basak AN, Baysal E. , "Rare beta-thalassemia mutation IVS-II-848 (C-A) first reported in a Turkish Cypriot family.", Am J Hematol. (SCI), Cilt 54, 338-339 pp., 1997.
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19. Ozçelik H, Başak AN, **Tüzmen S**, Kirdar B, Akar N., "A novel deletion in a Turkish beta-thalassemia patient detected by DGGE and direct sequencing: FSC 22-24 (-7 bp).", Hemoglobin (SCIE), Cilt 17, 387-391 pp., 1993.

## 8.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

1. Malak Rizk, **Şükrü Tüzmen**, "Update on the clinical utility of an RNA interference-based treatment: focus on Patisiran" Pharmacogenomics Pers Med., DovePress, Cilt 10, 267-278 pp., 2017.
2. N. Aşan Baydemir, **Ş. Tüzmen** "Cave Ecosystems of Turkey and Northern Cyprus: A Hidden World for Bats". J. Int. Environmental Application & Science, Vol. 11(3): 255-262, 2016.
3. **Tuzmen S.**, "Quantitative Realtime Polymerase Chain Reaction in Cancer Drug Target Identification and Validation", Drug Discovery, Genomics (Touch briefings 2007), Cilt 1, 27-28 pp., 2007.

### 8.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

1. N. Aşan Baydemir, **Ş. Tüzmen**, Some Ecological Observations and Anthropogenetic Threats on Egyptian Fruit Bat in Northern Cyprus, In: Proceedings International Conference on Biological Sciences (ICBS) Konya, Turkey, October 21-23, 2016 (Oral Presentation).
2. N. Aşan Baydemir, **Ş. Tüzmen**, Cave Ecosystems of Turkey and Northern Cyprus: A Hidden World for Bats, In: Proc. 6<sup>th</sup> International Conference of Ecosystems, Tirana, Albania, June 3-6, 2016 (Oral Presentation).
3. Çetin, İ.N., Bashirov, R., Tüzmen, Ş., Petri net based modelling and simulation of p16-Cdk4/6-Rb pathway, In: Proc. 4th International Workshop on Biological Processes and Petri nets, CEUR, Vol. 988, pp., 30-44, Milan, 24-25 June, 2013.
4. **Tuzmen S.**, Kiefer J., Azorsa D., Basik M., Ozcelik H., Kallioniemi O., Mousses S., The Fifth Era of Hope Meeting for the Department of Defense (DOD) Breast Cancer Research Program (BCRP) konferansı dahilinde "The Fifth Era of Hope Meeting for DOD Breast Cancer Research Program (BCRP) proceedings" bildiri kitapçığındaki "New Genomic Strategies to Accelerate the Discovery of Breast Cancer Genes", - pp., Baltimore, Maryland, June 2008.
5. Z. Lacroix, C. Legendre, and **S. Tuzmen**, Translational Genomics Research Institute (TGen) Annual Retreat 2008 konferansı dahilinde "TGen Annual Retreat 2008 proceedings" bildiri kitapçığındaki "Design and Analysis of a Fusion Protein Construct Workflow", - pp., Phoenix, Arizona, May 2008.
6. Perla Baez, Abigail Ruiz, Maricarmen Colon, Nivette Perez, Pedro Santiago, **Sukru Tuzmen**, and Idhaliz Flores, Ponce School of Medicine and Health Sciences, PSMHS Scientific Conference, dahilinde "The Society for the Study of Reproduction, Inc. Biology of Reproduction proceedings" bildiri kitapçığındaki "Differential Regulation of Lysyl Oxidase Gene Family Isoforms by Steroid Hormones in Human Stromal Endometrial Cells", vol. 78, pp., 139, Ponce, Puerto Rico, May 1, 2008.
7. Yesim Gökmen-Polar, Mangesh A. Thorat, **Sukru Tuzmen**, Spyro Mousses, Jamie B. Hadley, Kerry L. Sanders, Dmitry Turbin, Samuel Leung, David G. Huntsman, Sunil Badve, and George W. Sledge, Jr., AACR 2008 konferansı dahilinde "AACR 2008 proceedings" bildiri kitapçığındaki "Differential subcellular expression of protein kinase C  $\beta$ II in breast cancer- correlation with breast cancer subtypes", - pp., San Diego, California, April 2008.
8. Cumhur Ekmekci, Spyro Mousses, and **Sukru Tuzmen**, Translational Genomics Research Institute (TGen) 2007 Annual Retreat konferansı dahilinde "TGen 2007 Annual Retreat proceedings" bildiri kitapçığındaki "MicroRNA (miRNA) Involvement in Aberrant Promoter Methylation Facilitating Tumor Progression", - pp., Phoenix, Arizona, May 2007.
9. Cumhur Ekmekci, Spyro Mousses, and **Sukru Tuzmen**, AACR konferansı dahilinde "2007 AACR proceedings" bildiri kitapçığındaki "MicroRNA (miRNA) Involvement in Aberrant Promoter Methylation Facilitating Tumor Progression", - pp., Los Angeles, California, April 2007.

10. Sevtap Savas, Hamdi Jarjanazi, Noel Pabalan, Jeff Kiefer, **Sukru Tuzmen**, Spyro Mousses, and Hilmi Ozcelik, Oncogenomics, AACR konferansı dahilinde "Oncogenomics, AACR proceedings" bildiri kitapçığındaki "Variable Response to Gemcitabine Associated with Genetic Variations in Folic Acid Metabolism Genes", - pp., Phoenix, Arizona, February, 2007.
11. Hamdi Jarjanazi, Sevtap Savas, **Sukru Tuzmen**, Noel Pabalan, Irada Ibrahim-Zada, Jeff Kiefer, Spyro Mousses, Hilmi Ozcelik , Oncogenomics, AACR konferansı dahilinde "Oncogenomics, AACR proceedings" bildiri kitapçığındaki "Discovery of Novel Genetic Variants in the Pharmacobiological Networks Related to Gemcitabine Response", - pp., Phoenix, Arizona, February, 2007.
12. Holly Yin, Quick Q. Que, Jeff Kiefer, Donald Chow, Christian Beaudry, Pinar Tuzmen, Leslie Gwinn, Michael Barrett, **Sukru Tuzmen**, David Azorsa, Daniel Von Hoff, Tal Zaks, Richard Wooster, Joel Greshock, Tona Gilmer, Barbara Weber, Spyro Mousses, Oncogenomics, AACR konferansı dahilinde "Oncogenomics, AACR proceedings" bildiri kitapçığındaki "High Throughput RNAi Based Cellular Pharmacogenomic to Discover Targets that Regulate Lapatinib (Tykerb®) Response", - pp., Phoenix, Arizona, February, 2007.
13. H. Holly Yin, Q. Quick Que, Gopinath Ganji, Yue Li, Michelle Kassner, Pinar Tuzmen, Chris Sereduk, Leslie Gwinn, Jeff Kiefer, **Sukru Tuzmen**, David Azorsa, Richard Gaynor, Kerry Blanchard, Greg Tucker-Kellogg, and Spyro Mousses, Oncogenomics, AACR konferansı dahilinde "Oncogenomics, AACR proceedings" bildiri kitapçığındaki "Establishing and Developing High Quality Cell-based Pharmacogenomic Assays for High Throughput RNAi Screening", - pp., Phoenix, Arizona, February, 2007.
14. Cumhur Ekmekci, Felisa Blackmer, Pinar Tuzmen, Jeff Kiefer, Spyro Mousses, and **Sukru Tuzmen**, Oncogenomics, AACR konferansı dahilinde "Oncogenomics, AACR proceedings" bildiri kitapçığındaki "Regulation of differential expression patterns of FDFT1 (Farnesyl Diphosphate Farnesyl Transferase 1) gene in various cancer cell lines, and tumors versus normal adjacent tissues: Implication of FDFT1 in Cancer", - pp., Phoenix, Arizona, February, 2007.
15. Blackmer, F., Tuzmen, P., Yin, H. H., Que, Q. Q., Kiefer, J., Azorsa, D., Mousses, S., and **Tuzmen, S.**, Cambridge Health Institute konferansı dahilinde "Quantitative PCR, Microarrays, and Biological Validation 2006" bildiri kitapçığındaki "Global RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by qPCR", - pp., Providence, Rhode Island, October, 2006.
16. Blackmer, F., Tuzmen, P., Yin, H. H., Que, Q. Q., Kiefer, J., Azorsa, D., Mousses, S., and **Tuzmen, S.**, Translational Genomics Research Institute (TGen) Annual Retreat konferansı dahilinde "Translational Genomics Research Institute (TGen) Annual Retreat proceedings" bildiri kitapçığındaki "Global RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by qPCR", - pp., Scottsdale, Arizona, May, 2006.
17. Kiefer J, Azorsa D, Evans D, Que Q, McCarty T, Wang H, Han H, **Tuzmen S**, Bittner M, Kallioniemi O, Trent JM, Von Hoff D, and Mousses S, TGEN 2005 Scientific Retreat konferansı dahilinde "TGEN 2005 Scientific Retreat, The Arizona Biltmore Resort & Spa" bildiri kitapçığındaki "Global RNAi phenotype analysis for cancer drug target identification", - pp., Phoenix, AZ, February, 2005.

18. **Tuzmen, S.**, Azorsa D., Kiefer J., Evans D., Weaver D., Caplen N., Kallioniemi O., Mousses S., Turkish American Scientists and Scholars Association (TASSA) Annual Conference konferansı dahilinde "Turkish American Scientists and Scholars Association (TASSA) Annual Conference" bildiri kitapçığındaki "Design and analysis of a library of synthetic siRNAs targeting 139 cancer associated genes", - pp., Washington, DC, February, 2005.
19. David O. Azorsa, David M. Evans, Jeff A. Kiefer, Qiang Que, Tom McCarty, Hong Wang, Haiyong Han, **Sukru Tuzmen**, Michael L. Bittner, Olli Kallioniemi, Jeffrey Trent, Daniel Von Hoff, and Spyro Mousses, Oncogenomics 200 konferansı dahilinde "Oncogenomics 2005: Dissecting Cancer Through Genome Research" bildiri kitapçığındaki "Global RNAi Phenotype Analysis for Cancer Drug Target Identification", - pp., San Diego, CA, February, 2005.
20. David M. Evans, Tom McCarty, **Sukru Tuzmen**, Mike Bittner, Martin White, David O. Azorsa, Spyro Mousses, 95th Annual Meeting of AACR konferansı dahilinde "95th Annual Meeting of AACR Proceedings" bildiri kitapçığındaki "High Throughput approaches for Cancer drug discovery", - pp., Orlando, Florida, March, 2004.
21. David M. Evans, Tom McCarty, Jeff Kiefer, **Sukru Tüzmen**, Olli Kallioniemi, David Azorsa, Don Weaver, Mike Bittner, Martin White, Spyro Mousses, Drug Discovery Technology (DDT) konferansı dahilinde "Drug Discovery Technology (DDT)" bildiri kitapçığındaki "High Throughput Functional Chemogenomics using RNAi for Drug Discovery", - pp., Boston, MA, August, 2004.
22. David O. Azorsa, Martin L. White, Piyanan Rojanaparn, **Sukru Tüzmen**, Jeff A. Kiefer, Michael L. Bittner, Natasha J. Caplen, Olli Kallioniemi, and Spyro Mousses, 95th Annual Meeting of AACR konferansı dahilinde "95th Annual Meeting of AACR Proceedings" bildiri kitapçığındaki "Functional Chemogenomics Using High-Throughput RNAi Identifies Sensitizing Targets to Improve Doxorubicin Chemotherapy", - pp., Orlando, Florida, March, 2004.
23. Jeff A. Kiefer, David O. Azorsa, **Sukru Tüzmen**, Sonoles Shack, Michael L. Bittner, Natasha J. Caplen, Olli Kallioniemi, and Spyro Mousses, "RNAi Based Functional Validation of New Prostate Cancer Drug Targets", 95th Annual Meeting of AACR Proceedings, Volume 45, Orlando, Florida, 27th – 31st March, 2004.
24. **Tüzmen, S.**, Azorsa D., Kiefer J., Evans D., Weaver D., Caplen N., Kallioniemi O., Mousses S., 95th Annual Meeting of AACR konferansı dahilinde "95th Annual Meeting of AACR Proceedings" bildiri kitapçığındaki "Design and analysis of a library of synthetic siRNAs targeting 139 cancer associated genes", - pp., Orlando, Florida, March, 2004.
25. **Tüzmen, S.**, Azorsa D., Weaver D., Caplen N., Kallioniemi O., Mousses S., 1st International qPCR Symposium and Application Workshop konferansı dahilinde "1st International qPCR Symposium and Application Workshop" bildiri kitapçığındaki "Validation of siRNA knockdowns by real-time quantitative PCR", - pp., Freising-Weihenstephan, Germany, March, 2004.
26. Hernandez, D., Smith, R., **Tüzmen, S.**, The National Minority Research Symposium konferansı dahilinde "The National Minority Research Symposium" bildiri kitapçığındaki "Identification of A-gamma and G-gamma Globin cDNA Clones from an Erythroleukemia Cell Line using Recombinant DNA Methodologies", - pp., Phoenix, Arizona, November, 1999.

27. Hernandez, D., Smith, R., **Tüzmen, S.**, NIH Summer Research Program, the National Institutes of Health konferansı dahilinde "NIH Summer Research Program, the National Institutes of Health" bildiri kitapçığındaki "Identification of A-gamma and G-gamma Globin cDNA Clones from an Erythroleukemia Cell Line using Recombinant DNA Methodologies", - pp., Bethesda, MD, U.S.A, August, 1999.
28. Bilenoğlu O, **Tüzmen S**, Özer A, Tadmouri GO, Baig S, Başaran S, and Başak A. N., 8th International Conference: Oral Chelation in the Treatment of Thalassaemia and Other Diseases konferansı dahilinde "8th International Conference: Oral Chelation in the Treatment of Thalassaemia and Other Diseases" bildiri kitapçığındaki "Prenatal Diagnosis of b-Thalassemia and Sickle Cell Anemia in Turkey", - pp., Corfu, Greece, September, 1997.
29. McKenzie, S., **Tüzmen, S.**, NIH Summer Research Program, the National Institutes of Health konferansı dahilinde "NIH Summer Research Program, the National Institutes of Health" bildiri kitapçığındaki "Rapid and Efficient Way of Screening Recombinant Clones using In-Well Screening and PCR", - pp., Bethesda, MD, U.S.A, August, 1997.
30. Bilenoğlu, O., **Tüzmen, S.**, Oter, S., Oberkanins, C., Kury, F., and Basak, A. N., The European Society of Human Genetics konferansı dahilinde "The European Journal of Human Genetics" bildiri kitapçığındaki "The application of the Beta-Globin Strip Assay to the molecular detection of Beta-Globin mutations in Turkey", 106 pp., London, England, 1996.
31. Tadmouri, G. O., **Tüzmen, S.**, Ozcelik, H., Ozer, A., Bilenoğlu, O., and Basak, A. N., The Human Genome Meeting 96 (HGM'96) konferansı dahilinde "The Human Genome Meeting 96 (HGM'96)" bildiri kitapçığındaki "Beta-Thalassemia in Turkey: Rare and Novel Mutations and their Possible Effects on the Beta-globin Gene", - pp., Heidelberg, Germany, March, 1996.
32. Tadmouri, G. O., **Tüzmen, S.**, Baig, S., Senga, E., Tastan, O., and Basak, A. N., The Inherited Disorders and their Genes in Different European Populations konferansı dahilinde "The Inherited Disorders and their Genes in Different European Populations" bildiri kitapçığındaki "Molecular and Population Genetic Analyses of Thalassemias and Sickle Cell Anemia in Turkey", - pp., San Feliu de Guixols, Spain, November, 1995.
33. Alkan, S., **Tüzmen, S.**, Baig, S. M., Tadmouri, G. O., and Basak, A. N., XIIIth Meeting of the International Society of Haematology (European & African Division) konferansı dahilinde "XIIIth Meeting of the International Society of Haematology (European & African Division)" bildiri kitapçığındaki "The ECL Oligolabeling and Detection System versus the Radioactive Approach in Dot-Blot Hybridization", - pp., Istanbul, Turkey, September, 1995.
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41. **Tüzmen, S.**, Tadmouri, G., Heister, J. G., Akar, N., Basaran, S., Aydinli, K., and Basak, A. N., 26th Annual Meeting of European Society of Human Genetics konferansı dahilinde "26th Annual Meeting of European Society of Human Genetics" bildiri kitapçığındaki "A Rapid and Reliable Diagnostic Approach to Beta-Thalassemia in Turkey by DGGE and Direct Sequencing", - pp., Paris, France, June, 1994.
42. **Tüzmen S.**, Tadmouri G., Akar N., Başaran S., Aydınli K., Başak A. N., 7th International Conference on early Prenatal Diagnosis konferansı dahilinde "7th International Conference on early Prenatal Diagnosis" bildiri kitapçığındaki "Molecular basis and prenatal diagnosis of b-thalassemia in Turkey", - pp., Jerusalem, Israel, May, 1994.

43. **Tüzmen, S.**, Tadmouri, G., Senga, E., Baig, S. M., Akar, N., Altay, Ç., Nisli, G., Yesilipek, A., Basaran, S., Aydinli, K., and Basak, A. N., Advances in Gene Technology: Molecular Biology of Human Genetic Disease konferansı dahilinde "Advances in Gene Technology: Molecular Biology of Human Genetic Disease" bildiri kitapçığındaki "Molecular Pathology and Prenatal Diagnosis of Beta-Thalassemia in Turkey", 64 pp., UK, 1994.
44. **Tüzmen, S.**, Tadmouri, G., Akar, N., Basaran, S., Aydinli, K., and Basak, A. N., 7th International Conference on Early Prenatal Diagnosis konferansı dahilinde "7th International Conference on Early Prenatal Diagnosis" bildiri kitapçığındaki "Molecular Basis and Prenatal Diagnosis of Beta Thalassemia in Turkey", 251-254 pp., Italy, 1994.
45. Başak A. N., **Tüzmen S.**, Özer A., Özçelik H., Akar N., Yeşilipek A., Başaran S., Yüksel A., Kırdar B. , Inherited Disorders and Their Genes in Different European Populations konferansı dahilinde "Inherited Disorders and Their Genes in Different European Populations" bildiri kitapçığındaki "The molecular basis of b-thalassemia in Turkey and prenatal diagnosis by DNA analysis", - pp., Strasbourg, France, November, 1993.
46. Başak A. N., **Tüzmen S.**, Özer A., Özçelik H., Akar N., Yeşilipek A., Başaran S., Yüksel A., Kırdar B., XIIth Meeting of the International Society of Hematology konferansı dahilinde "XIIth Meeting of the International Society of Hematology" bildiri kitapçığındaki "The molecular basis of b-thalassemia in Turkey and prenatal diagnosis by DNA analysis", - pp., Vienna/Austria, 28 August-3 September, 1993.
47. Basak, A. N., **Tüzmen S.**, Özer A., Özçelik H., Akar N., Yeşilipek A., Başaran S., Yüksel A., Kırdar B., 17th International Congress of Genetics konferansı dahilinde "17th International Congress of Genetics" bildiri kitapçığındaki "The molecular pathology of b-thalassemia in Turkey", - pp., Birmingham/England, August, 1993.
48. Basak, A. N., **Tüzmen, S.**, Özer, A., Özçelik, H., Akar, N., Yesilipek, A., Basaran, S., Yüksel, A., and Kırdar, B. , 25th Annual Meeting of the European Society of Human Genetics konferansı dahilinde "25th Annual Meeting of the European Society of Human Genetics" bildiri kitapçığındaki "The Molecular Basis of Beta-Thalassemia in Turkey, Prenatal Diagnosis by DNA Analysis", - pp., Barcelona, Spain, May, 1993.
49. Başak A. N., **Tüzmen S.**, Özer A., Özçelik H., Başaran S., Aydınlı K., Akar N., Gürgey A., Ulukutlu L., Kırdar B., 5th International Conference on Thalassemias and the Hemoglobinopathies konferansı dahilinde "5th International Conference on Thalassemias and the Hemoglobinopathies" bildiri kitapçığındaki "The molecular heterogeneity of b-thalassemia in Turkey and prenatal diagnosis by DNA analysis", - pp., Nicosia, Cyprus, 29 March – 3 April, 1993.
50. Basak, A. N., Özer, A., **Tüzmen, S.**, Özçelik, H., Akar, N., Gürgey, A., Ulukutlu, L., and Kırdar, B., 3rd International Symposium on Iron Transport, Storage and Metabolism konferansı dahilinde "3rd International Symposium on Iron Transport, Storage and Metabolism" bildiri kitapçığındaki "The Molecular Basis of Beta-Thalassemia in Turkey", - pp., Strasburg, France, 30 August-2 September, 1992.

51. Basak, A. N., Özer, A., **Tüzmen, S.**, Özçelik, H., Akar, N., Gürgey, A., Ulukutlu, L., and Kirdar, B., 24th Congress of the International Society of Hematology konferansı dahilinde "24th Congress of the International Society of Hematology" bildiri kitapçığındaki "The Molecular Heterogeneity of Beta-Thalassemia in Turkey", - pp., London, England, August, 1992.
52. Basak, A. N., Özer, A., **Tüzmen, S.**, Özçelik, H., Akar, N., Gürgey, A., Ulukutlu, L., and Kirdar, B., 24th Annual Meeting of the European Society of Human Genetics konferansı dahilinde "24th Annual Meeting of the European Society of Human Genetics" bildiri kitapçığındaki "The Molecular Heterogeneity of Beta-Thalassemia in Turkey", - pp., Elsinore, Danimarka, Mayıs, 1992.
53. Basak, A. N., Özer, A., Özçelik, H., **Tüzmen, S.**, Basaran, S., Aydınli, K., Yüksel, A., Yüksel-Apak, M., Akar, N., Beksaç, S., Gürgey, A., and Kirdar, B., 6th International Conference on Early Prenatal Diagnosis of Genetic Diseases konferansı dahilinde "6th International Conference on Early Prenatal Diagnosis of Genetic Diseases" bildiri kitapçığındaki "Prevention of Beta-Thalassemia in Turkey: Early Prenatal Diagnosis by DNA Analysis", - pp., Milano, İtalya, Mayıs, 1992.
54. Basak, A. N., Özer, A., Özçelik, H., **Tüzmen, S.**, Ulukutlu, L., Gürgey, A., Akar, N., and Kirdar, B., 4th International Conference on Thalassemia and the Hemoglobinopathies konferansı dahilinde "4th International Conference on Thalassemia and the Hemoglobinopathies" bildiri kitapçığındaki "The Molecular Basis of Beta-Thalassemia in Turkey", - pp., Nice, Fransa, Kasım, 1991.
55. Basak, A.N., Özer, A., Özçelik, H., **Tüzmen, S.**, Ulukutlu, L., Gürgey, A., Akar, N., and Kirdar, B., Molekulare Mechanismen der Nukleinsaeure/Protein-Wechselwirkungen-Symposiu konferansı dahilinde "Molekulare Mechanismen der Nukleinsaeure/Protein-Wechselwirkungen-Symposium" bildiri kitapçığındaki "The Molecular Basis of Beta-Thalassemia in Turkey", - pp., Göttingen, Almanya, Kasım, 1991.

#### 8.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

1. Zula Yalinca, **Sukru Tuzmen**, "Application for Biopolymeric Gels in Medical Biotechnology" John Wiley & Sons Ltd, UK, P. M. Visakh, G. Menon, and O. Bayraktar Eds. (Baskıda, 2018).
2. C. Hizel, **Sukru Tuzmen**, A. Amirfallah, G. Çalibaşı Koçal, D. Abbasoglu, Yasemin Baskın "Precision medicine in colorectal cancer" Precision Medicine in Oncology, Barh D Ed., Taylor & Francis (Baskıda, 2018).
3. **Şükrü Tüzmen**, Yasemin Baskın, Ayşe Feyda Nursal, Serpil Eraslan, Yağmur Esemem, Gizem Çalibaş, Ayşe Banu Demir, Duygu Abbasoğlu, Candan Hizel, "OMICS TECHNOLOGIES AND BIO-ENGINEERING: towards improving quality of life" Academic Press imprint: Elsevier, USA, 263-302, 2018.

4. Son A. Y., **Tüzmen Ş.**, Hizel C., Omics for Personalized Medicine, “Designing and Implementing Pharmacogenomics Study: Appropriateness and Validation of Pharmacogenomics” Chapter 6, Springer, 97-122, 2013.
5. **Tuzmen S.**, Tuzmen P., Arora S., Mousses S., Azorsa D., “RNAi-Based Functional Pharmacogenomics”, Methods and Protocols, In: Methods in Molecular Biology, 1, vol. 700: *Disease Gene Identification, Part 4*, Johanna K. DiStefano Ed., Springer, New York, USA, 271-290, 2011.
6. Basak A.N., **Tuzmen S.**, “Genetic Predisposition to Beta-Thalassemia and Sickle Cell Anemia in Turkey: A Molecular Diagnostic Approach”, Methods and Protocols, In: Methods in Molecular Biology, 1, vol. 700: *Disease Gene Identification, Part 4*, Johanna K. DiStefano Ed., Springer, New York, USA, 291-307, 2011.
7. Carrigan P.E., Ballar P., **Tuzmen S.**, “Site-directed Mutagenesis”, Methods and Protocols, In: Methods in Molecular Biology, 1, vol. 700: *Disease Gene Identification, Part 4*, Johanna K. DiStefano Ed., Springer, New York, USA, 107-124, 2011.
8. **Sukru Tuzmen**, Jeff Kiefer, and Spyro Mousses, “Validation of siRNA Knockdowns by Quantitative Real-Time PCR”, Methods in Molecular Biology, In: Methods in Molecular Biology, vol. 353: *Protocols for Nucleic Acid Analysis by Non-radioactive Probes, Second Edition*, E. Hilario and J. Mackay Eds., Humana Press, Totowa, USA, 177-203, 2007.

#### 8.5. Ulusal hakemli dergilerde yayımlanan makaleler

1. **Şükrü Tüzmen**, Zulal Yalinca, “Attractive Approaches in siRNA Delivery Using Bio-based Carrier Systems” Anadolu Üniversitesi Bilim ve Teknoloji Dergisi C – Yaşam Bilimleri ve Biyoteknoloji, Anadolu Üniversitesi, DOI: 10.18036/aubtdc.315579, 2017

#### 8.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1. N. Aşan Baydemir, **Ş. Tüzmen**, Türkiye ve KKTC’de Bazı Mağralarda Yaşayan Yarasa ve Omurgasız Faunası, Ekoloji 2016, Adnan Aldemir Sempozyumu, Kafkas Üniversitesi, Kars, Turkey, 16-19 May 2016.
2. Bilenoglu, O., **Tüzmen, S.**, Oter, S., Oberkanins, C., Kury, F., and Basak A. N., XXIV. Ulusal Hematoloji Kongresi konferansı dahilinde "XXIV. Ulusal Hematoloji Kongresi" bildiri kitapçığındaki "Beta-Globin Strip Assay to the molecular detection of beta-globin mutations in Turkey", - pp., İstanbul, Türkiye, Nisan, 1996.

3. Başak A. N., **Tüzmen Ş.**, Özer A., Özçelik H., Akar N., Yesilipek A., Basaran S., Yüksel A., Kırdar B., XIII. Ulusal Hematoloji Kongresi konferansı dahilinde "XIII. Ulusal Hematoloji Kongresi" bildiri kitapçığındaki "Türkiye'de b-talaseminin moleküler temeli ve DNA analizi ile doğum öncesi erken tanısı", - pp., İstanbul, Türkiye, Ekim, 1993.
4. Basak A. N., **Tüzmen S.**, Özer A., Özçelik H., Akar N., Yesilipek A., Basaran S., Yüksel A., Kırdar B., XIII. Ulusal Hematoloji Kongresi konferansı dahilinde "XIII. Ulusal Hematoloji Kongresi" bildiri kitapçığındaki "Beta-talaseminin moleküler tanısında kullanılan DNA yöntemleri", - pp., İstanbul, Türkiye, Ekim, 1993.
5. Basak, A. N., Özer, A., **Tüzmen, S.**, Özçelik, H., Akar, N., Gürgey, A., Ulukutlu, L., and Kırdar, B., 3rd Marmara Medical Days konferansı dahilinde "3rd Marmara Medical Days" bildiri kitapçığındaki "The Molecular Heterogeneity of Beta-Thalassemia in Turkey", - pp., İstanbul, Türkiye, Eylül, 1992.
6. Basak A. N., Özer A., **Tüzmen S.**, Özçelik H., Akar N., Gürgey A., Başaran S., Aydınli K., Kırdar B., XI. Ulusal Biyokimya Kongresi konferansı dahilinde "XI. Ulusal Biyokimya Kongresi" bildiri kitapçığındaki "Türkiye'de b-talasemi'nin moleküler temeli ve DNA analizi ile doğum öncesi erken tanısı", - pp., Antalya, Türkiye, Ekim, 1992.
7. Basak A. N., Özer A., **Tüzmen S.**, Özçelik H., Akar N., Gürgey A., Ulukutlu L., Kırdar B., 2. Ulusal Tıbbi Biyoloji Kongresi konferansı dahilinde "2. Ulusal Tıbbi Biyoloji Kongresi" bildiri kitapçığındaki "Türkiye'de b-talasemi'nin moleküler heterojenitesi ve DNA analizi ile doğum öncesi tanısı", - pp., Ankara, Türkiye, Eylül, 1992.
8. Basak A. N., Özer A., Özçelik H., **Tüzmen S.**, Basaran S., Aydınli K., Yüksel-Apak M., Akar N., Ulukutlu L., Sen C., Altay Ç., Beksaç S., Kırdar B., 2. Ulusal Çocuk Sağlığı Kongresi konferansı dahilinde "2. Ulusal Çocuk Sağlığı Kongresi" bildiri kitapçığındaki "Beta-talasemi riski taşıyan olgularda DNA analizi ile doğum öncesi tanı", - pp., Ankara, Türkiye, Nisan, 1992.
9. Başak A. N., Özer A., **Tüzmen Ş.**, Özçelik H., Ulukutlu L., Gürgey A., Akar N., Kırdar B., 2. Ulusal Çocuk Sağlığı Kongresi konferansı dahilinde "2. Ulusal Çocuk Sağlığı Kongresi" bildiri kitapçığındaki "Türkiye'de  $\beta$  -talasemi'nin moleküler heterojenitesi", - pp., Ankara, Türkiye, Nisan, 1992.
10. Başak A. N., Özer A., Özçelik H., **Tüzmen Ş.**, Ulukutlu L., Şen C., Altay C., Beksaç S., Yüksel M., Başaran S., Aydınli K., Kırdar B., 3. Ulusal Perinatoloji Kongresi konferansı dahilinde "3. Ulusal Perinatoloji Kongresi" bildiri kitapçığındaki "Beta-talasemi ve orak hücreli anemide DNA analizi ile doğum öncesi tanı", - pp., Bursa, Türkiye, Mart, 1992.
11. Başak A. N., Özer A., A., Özçelik H., **Tüzmen Ş.**, Ulukutlu L., Gürgey A., Akar N., Kırdar B., 22. Ulusal Hematoloji Kongresi konferansı dahilinde "22. Ulusal Hematoloji Kongresi" bildiri kitapçığındaki "Türkiye'de b-talasemi'nin moleküler temeli", - pp., İstanbul, Türkiye, Ekim, 1991.

## 8.7. Diğer yayımlar

1. **Tuzmen, S.**, “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by qPCR" Sensor, Signal & Information Processing (SenSIP) Center Biomedical Signal and Information Processing BioSIP, February 22, 2008.

## 8.8. Uluslararası atıflar

**27 Mart 2018** itibarı ile **WEB OF KNOWLEDGE**'de listelendiği üzere **YAZAR: (Tuzmen S\*)** (<http://apps.webofknowledge.com/>): **SCI ve SCIE** de indekslenmiş **Makalelere toplam atıf sayısı 449**.

**h-index: 9. Diğer yazarlarca yapılan atıf sayısı 442.**

## 9. Ulusal & uluslararası projeler ve uzmanlık alanına ilişkin faaliyetler

### 9.1 Projeler

#### Yeni başvurusu yapılan/yapılacak projeler

TÜBİTAK 360,000.00 TL  
1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı.  
“Kuzey Kıbrıs Türk Cumhuriyeti’ndeki yarasa türlerinin genomik çeşitliliğinin moleküler analizi ve koruma statülerinin belirlenmesi”, projesi.

**Görevi:** Proje Yürütücüsü.

T.C. Yardım Heyeti 2,499,290.00 TL  
“GenBiomics Genomik Araştırma Merkezi-DAÜ kurulması”, projesi.

**Görevi:** Direktör ve Proje yürütücüsü.

Eureka R01 (RFA-GM-09-008) R01GM088592-01 NIH/NIGMS \$776,119.00  
**Data Mining & Validation of Associations between Drugs, Genes, Pathways, Diseases**

**Görevi:** Proje yürütücüsü.

#### Tamamlanmış projeler

W81XWH-05-1-0332 2/1/2005-3/14/2008  
DOD/CDMRP BCRP Idea Award \$77,577.00  
**Accelerated Discovery and Validation of Novel Tumor Suppressor Genes in Breast Cancer**

**Görevi:** Grup Lideri.

Contract 1/1/2005-12/31/2006

Eli Lilly & Co

**Predictive Pharmacogenomics**

**Görevi:** Grup Lideri.

Contract 1/1/2005-12/31/2006

Glaxo Smith Kline PLC

**Predictive Pharmacogenomics**

**Görevi:**Grup Lideri.

Grant 7/1/2004-12/31/2004

**NIEHS**

**Görevi:**Grup Lideri.

W81XWH-05-1-0033 11/01/2004-10/31/2006

DOD/CDMRP

\$200,700.00

**Validation of the role of S100P in growth and survival of hormone refractory prostate cancer**

**Görevi:**Grup Lideri.

## 9.2 Uzmanlık alanına ilişkin faaliyetler

1. DAÜ ve K.K.T.C.'yi **Türkiye Sağlık Enstitüleri Başkanlığı'nın (TÜSEB)** Türkiye Biyoteknoloji Enstitüsüne bağlı, "**Türkiye Genom Projesi**" Bilimsel Kurulu'nda temsil eden, **Tek Kıbrıslı Türk Üye Bilim İnsanı.**
2. DAÜ Genetik Kulübü Kurucu ve Danışman Hocası. Sosyal ve Bilimsel Ulusal ve Uluslararası Eğitim ve Bilimsel faaliyetler düzenleyerek öğrencilerin bilimsel ve sosyal gelişimine katkı koymak.
3. Ulusal ve uluslararası platformlarda (televizyon ve radyo dahil) halka açık ücretsiz genetik hastalıkları baz alan farkındalık seminerleri vermek.
4. Yabancı bilim insanı Doktora ve Master juri üyesi, **NIBGE/PIEAS Pakistan 2017- .**
5. The Research Grant Council, **Hong Kong, China 2002 - , Hakem.**
6. The Translational Genomics Research Institute (TGen), Arizona, A.B.D., Institutional Biosafety Committee, 2005-2009, **Üye.**
7. The Translational Genomics Research Institute (TGen), Arizona, A.B.D., 2007 TGen Scientific Retreat, **Hakem.**
8. "The Molecular Biology and Genetics Panel" Çalıştayı. Girne, T.R.N.C., 2007, **Danışman.**
9. "The Molecular Biology and Genetics Panel" Çalıştayı. Isparta, Türkiye, 2008, **Organizatör, Konuşmacı, Danışman.**

10. “Applications of Quantitative Real-time PCR (qPCR) in Clinic / Cancer Research, and functional RNAi in Cancer Genetics” Çalıştayı. Faisalabad, Pakistan, 2015, **Organizatör, Konuşmacı, Danışman.**
11. “Genetik Hastalıkların Teşhis ve Tedavisinde Moleküler Yöntemler ve Mühendislik Uygulamaları” Çalıştayı. Isparta, Türkiye, 2016, **Konuşmacı, Danışman.**

## 10. İdari Görevler

- |             |                                                                                                                                                                                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017 - 2019 | <b>Türkiye Sağlık Enstitüleri Başkanlığı (TÜSEB), Türkiye Biyoteknoloji Enstitüsü, “Türkiye Genom Projesi” Bilim Kurulu (30 Bilim Komite Üyesi arasında) Tek K.K.T.C.’li Üye</b> |
| 2015 - 2019 | <b>Etik Kurul Başkanı</b> , Doğu Akdeniz Üniversitesi (DAÜ)                                                                                                                      |
| 2012 - 2015 | <b>Etik Kurul Başkan Yardımcısı</b> , Doğu Akdeniz Üniversitesi (DAÜ)                                                                                                            |
| 2012 -      | <b>Kurucu Öğretim Üyesi / Mentor</b> , Genetik Kulübü, DAÜ                                                                                                                       |
| 2005 - 2009 | <b>Moleküler Biyoloji ve Genetik Bölüm Başkanı</b> , TGen, Arizona, A.B.D.                                                                                                       |

## 11. Bilimsel ve Mesleki Kuruluşlara Üyelikler

American Association for Cancer Research (**AACR**)  
American Association for the Advancement of Science (**AAAS**)  
Turkish American Scientists and Scholars Association (**TASSA**)

## 12. Ödüller ve Burslar

- 2018:** Scholarship for “**International Workshop on Biobanking for Rare Diseases**”, Izmir Biomedicine and Genome Center, Izmir, Turkey.  
Hosted and the Scholarship granted by Biobanking and Biomolecular Resources Research Infrastructure – European Research Infrastructure Consortium - **BBMRI-ERIC**.
- 2016:** Türkiye Bilimsel ve Teknolojik Araştırma Kurumu (**TÜBİTAK**) Konuk Bilim İnsanı Destekleme Programı, Süleyman Demirel Üniversitesi, Isparta, Türkiye.



- 2015:** The Higher Education Commission (HEC), Foreign Professor Visiting Scholars Program (VSP) for National Institute of Biotechnology & Genetic Engineering (**NIBGE**), Faisalabad, Pakistan.
- 2014:** **EuropeAid/133886/L/ACT/CY-Scholarships** for the Turkish Cypriot community Programme for the Academic Year 2013/14, 14<sup>th</sup> August, 2013.
- 2011:** **Sheikh Hamdan Awards** for Medical Sciences and the Centre for Arab Genomic Studies, (Oral Presentation) Dubai, UAE. The 15th Human Genome Meeting and the 4<sup>th</sup> Pan Arab Human Genetics Conference, Dubai, UAE, 13<sup>th</sup> March, 2011.
- 2009:** CRC Research Center-Tuition Scholarship Award, AZ, U.S.A.
- 2008:** Türkiye Bilimsel ve Teknolojik Araştırma Kurumu (**TÜBİTAK**) Konuk Bilim İnsanı Destekleme Programı, Suleyman Demirel Üniversitesi, Isparta, Türkiye.
- 1996:** Fogarty Postdoctoral Visiting Fellow/ Research Fellow at the Laboratory of Chemical Biology, National Institute of Diabetes and Digestive and Kidney Diseases, **National Institutes of Health (NIH)**, Bethesda, MD, U.S.A.
- 1995:** The Scientific and the Technical Research Council of Turkey (**TÜBİTAK**) scholarship for 27<sup>th</sup> Annual Meeting of European Society of Human Genetics (**ESHG**), Berlin, Germany.
- 1995:** 27<sup>th</sup> Annual Meeting of ESHG, Berlin, Germany, scholarship from the **Bogaziçi University Foundation**.
- 1995:** 27<sup>th</sup> Annual Meeting of ESHG, Berlin, Germany, scholarship from the **ESHG Organization**.
- 1994:** 26<sup>th</sup> Annual Meeting of **ESHG**, Paris, France, scholarship from the **Bogaziçi University Foundation**.

- 1994:** Miami Bio/Technology European Symposium, "Advances in Gene Technology: Molecular Biology and Human Genetic Diseases", Monaco, scholarship from the **Bogaziçi University Foundation**.
- 1993:** The Scientific and Technical Research Council of Turkey (**TÜBİTAK**) scholarship for the 25<sup>th</sup> Annual Meeting of ESHG, Barcelona, Spain.
- 1993:** 25<sup>th</sup> Annual Meeting of ESHG, Barcelona, Spain, scholarship from the **ESHG** Organization.
- 1993:** The Scientific and Technical Research Council of Turkey (**TÜBİTAK**) fellowship for DGGE course, the Sylvius Laboratory, Department of Human Genetics, Faculty of Medicine, State University of Leiden, Leiden, The Netherlands.
- 1992:** The Scientific and Technical Research Council of Turkey (**TÜBİTAK**) scholarship for the 24<sup>th</sup> Annual Meeting of ESHG, Elsinore, Denmark.
- 1992:** 24<sup>th</sup> Annual Meeting of ESHG, Elsinore, Denmark, scholarship from the **ESHG** Organization.
- 1991:** 23<sup>rd</sup> Annual Meeting of ESHG, Leuven, Belgium, scholarship from the **ESHG** Organization.

### **13. Ulusal ve Uluslararası Davetli Konuşmacı**

1. "Beta-Talaseminin Genetik Tanısı, Tanı Yöntemleri ve Potansiyel Terapötik Modelleri", 2. Uluslararası Thalassemia Dernekleri Semineri, Kyrenia, North Cyprus, 11-14 January 2018.
2. "Molecular Diagnostics in Rare Diseases: "Beta-Thalassemia" International Thalassemia Day 2017, NEU, Nicosia, North Cyprus, 09 April 2017.

3. “Identification of Putative Genes As Drug Discovery Tools In Cancer Treatment” 3<sup>rd</sup> International EMU Genetics Club Student Symposium, Famagusta, North Cyprus, 25 April 2017.
4. “RNAi-Bazlı Genetik Hastalıkları Tedavi Edici Stratejiler” 6.Ulusal Biyoloji Toplulukları Kongresi, Bursa, Turkey, 27 April-02 May 2017.
5. “RNAi” A Potential Futuristic Tool for Mental Health. 2<sup>nd</sup> EMUPSS Annual Congress, Famagusta, North Cyprus, 11-16 May 2017.
6. “Potential Therapeutic Modalities in Beta-Thalassemia” 7<sup>th</sup> PanCyprian Thalassaemia Conference, CING, Nicosia, South Cyprus, 26 November 2016.
7. “Genetik Hastalıkların Teşhis ve Tedavisinde Moleküler Yöntemler ve Mühendislik Uygulamaları”, Isparta, Turkey, 16-19 February 2016.
8. “Lectures in Molecular Biology and Genetics”, National Institute of Biotechnology & Genetic Engineering (NIBGE), Faisalabad, Pakistan.4-18 September 2015.
9. “Journey in Science”, TEDxEMUniversity, Famagusta, North Cyprus, 13<sup>th</sup> May, 2015.
10. “RNAi-based personalized therapeutic strategies: Are we there yet?” The International Symposium on Advances in Predictive & Personalized Medicine, Istanbul, Turkey, 2<sup>nd</sup>-3<sup>rd</sup> April 2015.
11. “High-throughput RNAi based therapeutic strategies: Are we there yet?” International Cardiometabolic Syndrome Congress and EMU Health Sciences Student Symposium, Famagusta, North Cyprus, 6<sup>th</sup> November, 2014.
12. “Application of High-Throughput RNAi in Cancer Genetics” (Key Note Speaker) 3<sup>rd</sup> International Workshop on Translational Bioinformatics and Medical Informatics, Izmir, Turkey, 22<sup>nd</sup> May, 2014.
13. “Application of RNAi and qPCR in Cancer Genetics” 2<sup>nd</sup> International GEN-AREL Molecular Biology and Genetics Student Congress, Istanbul, Turkey, 2<sup>nd</sup> May, 2014.
14. “RNAi Based Functional Pharmacogenomics” 7<sup>th</sup> International Symposium on Health Informatics and Bioinformatics (HIBIT 2012), Cappadocia, Turkey, 19<sup>th</sup> April, 2012.
15. “RNAi Based Functional Pharmacogenomics and Applications of QPCR” Drexel University, School of Biomedical Engineering, Science and Health Systems, Philadelphia, PA, U.S.A., 23<sup>rd</sup> August, 2011.

16. “RNAi Based Functional Pharmacogenomics and Applications of QPCR” The 15<sup>th</sup> Human Genome Meeting and the 4<sup>th</sup> Pan Arab Human Genetics Conference, Dubai, UAE, 13<sup>th</sup> March, 2011.
17. “Journey in Science: A Pharmacogenomics Approach” National Institutes of Health (NIH), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Division of Diabetes, Endocrinology, and Metabolic Diseases (DDEMD), Bethesda, MD, 27<sup>th</sup> September, 2010.
18. “RNAi Based Pharmacogenomics” National Institutes of Health (NIH), National Human Genome Research Institute (NHGRI), Division of Extramural Research (DER), Rockville, MD, 29<sup>th</sup> September, 2010.
19. “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by QPCR”, Suleyman Demirel University, Isparta, Turkey, 21<sup>st</sup> October, 2008.
20. “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by QPCR”, The Cyprus Institute of Neurology & Genetics, Nicosia, Cyprus, 16<sup>th</sup> July, 2008.
21. “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by QPCR”, Department of Molecular Biology and Genetics, Bogazici University, Istanbul, Turkey, 7<sup>th</sup> July, 2008.
22. “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by QPCR”, University of Istanbul, Oncology Institute, Istanbul, Turkey, 4<sup>th</sup> July, 2008.
23. “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by QPCR”, Biological Sciences and Bioengineering Program, Faculty of Engineering and Natural Sciences, Sabancı University, Istanbul, Turkey, 2<sup>nd</sup> July, 2008.
24. “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by qPCR”, Center for Innovations in Medicine, Biodesign Institute, Arizona State University, 10<sup>th</sup> June, 2008.
25. “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by QPCR”, Sensor, Signal & Information Processing (SenSIP) Center, Biomedical Signal and Information Processing, BioSIP Seminar, Fulton School of Engineering, ASU, 22<sup>nd</sup> February, 2008.

26. “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by QPCR”, Invitee of the President of The T.R.N.C. for the development of a National Molecular Biology and Genetics Institution in The T.R.N.C., Girne, Cyprus, 21<sup>st</sup> August, 2007.
27. “High-throughput RNAi Phenotype Analysis for Cancer Drug Target Identification and Validation by QPCR”, QPCR 2007: 3rd International qPCR Symposium & Industrial Exhibition & Application Workshop, Technische Universitat Munchen, Freising Weihenstephan, Germany, 26<sup>th</sup> – 30<sup>th</sup> March 2007.
28. “Global RNAi phenotype analysis for cancer drug target identification and validation by qPCR”, HistoGenetics Laboratory, Ossining, NY, 26<sup>th</sup> October, 2006.
29. “Global RNAi phenotype analysis for cancer drug target identification and validation by qRT-PCR” Quantitative PCR The Validation Tool of Choice”, Chambridge Healthtech Institute (CHI), Wyndham San Diego at Emerald Plaza, San Diego, CA, 19<sup>th</sup> – 21<sup>st</sup> March, 2006.
30. Global RNAi phenotype analysis for cancer drug target identification and validation by qRT-PCR” Department of Genetics, Institute for Experimental Medical Research (DETAE), Istanbul University, Istanbul, Turkey, 14<sup>th</sup> September 2005.
31. Global RNAi phenotype analysis for cancer drug target identification and validation by qRT-PCR” Department of Molecular Biology and Genetics, Bogazici University, Istanbul, Turkey, 13<sup>th</sup> September 2005.
32. “Production of knock-out models of possible 5’ flanking control regions of the epsilon globin gene”. BBI – Biotech Research Laboratories, Inc., Boston Biomedica Company, Gaithersburg, Maryland, 9<sup>th</sup> June, 2000.
33. “Production of knock-out models of possible 5’ flanking control regions of the epsilon globin gene”. Department of Biometry and Genetics, Louisiana State University Health Science Center, New Orleans, Louisiana, 3<sup>rd</sup> December, 1999.
34. “Production of knock-out models of possible 5’ flanking control regions of the epsilon globin gene”. Department of Molecular Biology and Genetics, Bogazici University, Istanbul, Turkey, 13<sup>th</sup> August, 1999.
35. “Prenatal Diagnosis of Beta-Thalassemia in Turkey: Present Status and Perspectives” XIII<sup>th</sup> Meeting of the International Society of Haematology (European & African Division), Istanbul, Turkey, 3<sup>rd</sup> – 8<sup>th</sup> September, 1995.

#### 14. Son üç yılda verdiği lisans ve lisansüstü düzeydeki dersler

(Toplamda, [Şubat 2012 itibarı ile] 2,537 Doğu Akdeniz Üniversitesi Lisans Öğrencisine ders vermiştir.)

Akademik Yıl	Dönem	Dersin adı	Haftalık ders saati		Öğrenci sayısı
			Teorik	Uygulama	
2017-2018	Bahar	BIOL212, Molecular Cell Biology II	3	3	45
	Bahar	BIOL124, Introduction to Molecular Biology and Genetics (3 Grup) (DAÜ, Eczacılık Fakültesi)	2	3	214
2017-2018	Güz	BIOL211, Molecular Cell Biology I	3	3	51
	Güz	MDCN110, Medical Biology (DAÜ, Tıp Fakültesi)	3	0	112
	Güz	BIOL460, Forensic Genetics	3	0	52
2016-2017	Güz	BIOL 211, Molecular Cell Biology I (2 Grup)	3	3	62
	Güz	MDCN 110, Medical Biology (DAÜ, Tıp Fakültesi)	3	0	62
	Bahar	BIOL212, Molecular Cell Biology II	3	3	50

<b>2016-2017</b>	<b>Bahar</b>	<b>BIOL124</b> , Introduction to Molecular Biology and Genetics (3 Grup) (DAÜ, Eczacılık Fakültesi)	<b>2</b>	<b>3</b>	<b>214</b>
<b>2015-2016</b>	<b>Güz</b>	<b>MDCN110</b> , Medical Biology (DAÜ, Tıp Fakültesi)	<b>3</b>	<b>0</b>	<b>60</b>
	<b>Güz</b>	<b>BIOL211</b> , Molecular Cell Biology I	<b>3</b>	<b>3</b>	<b>51</b>
	<b>Güz</b>	<b>BIOL311</b> , Molecular Genetics	<b>3</b>	<b>3</b>	<b>33</b>
	<b>Güz</b>	<b>BIOL411</b> , Molecular Evolution	<b>3</b>	<b>0</b>	<b>24</b>
<b>2015-2016</b>	<b>Bahar</b>	<b>BIOL124</b> , Introduction to Molecular Biology and Genetics (3 Grup) (DAÜ, Eczacılık Fakültesi)	<b>2</b>	<b>3</b>	<b>285</b>
	<b>Bahar</b>	<b>BIOL212</b> , Molecular Cell Biology II	<b>3</b>	<b>3</b>	<b>33</b>
	<b>Bahar</b>	<b>BIOL230</b> , Molecular Biotechnology	<b>3</b>	<b>0</b>	<b>25</b>
<b>2014-2015</b>	<b>Güz</b>	<b>BIOL211</b> , Molecular Cell Biology I	<b>3</b>	<b>3</b>	<b>50</b>
	<b>Güz</b>	<b>BIOL230</b> , Molecular Biotechnology	<b>3</b>	<b>0</b>	<b>28</b>
	<b>Güz</b>	<b>BIOL311</b> , Molecular Genetics	<b>3</b>	<b>3</b>	<b>24</b>
	<b>Güz</b>	<b>MDCN110</b> , Medical Biology (DAÜ, Tıp Fakültesi)	<b>3</b>	<b>0</b>	<b>66</b>
<b>2014-2015</b>	<b>Bahar</b>	<b>BIOL212</b> , Molecular Cell Biology II	<b>3</b>	<b>3</b>	<b>42</b>

	<b>Bahar</b>	<b>BIOL124</b> , Introduction to Molecular Biology (3 Grup) (DAÜ, Eczacılık Fakültesi)	<b>2</b>	<b>3</b>	<b>280</b>
	<b>Bahar</b>	<b>BIYO222</b> , Biyokimya (Türkçe) (DAÜ, Sağlık Bilimleri Fakültesi)	<b>2</b>	<b>0</b>	<b>80</b>