

Assoc. Prof. CAN KÜÇÜK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: K-3913-2015

ScopusID: 36771222700

Yoksis Researcher ID: 235093

Biography

Dr. Can Küçük earned his B.S. degree from the Department of Molecular Biology and Genetics at METU. He completed his Ph.D. studies on oncology and cancer biology in 2012 at the UNMC. Having continued post-doctoral studies at UNMC and City of Hope Medical Center for two years, he returned back to Türkiye, and started working at the Medical Biology branch of Dokuz Eylül University. Dr. Küçük has publications in prestigious journals such as *Lancet Oncology, Blood, PNAS*, and *Clinical Cancer Research*. One of his first author research articles published in *Nature Communications* was cited as the basic reference for classification of EATL by the WHO. At the international level, he has three awards from the **American Society of Hematology** (Abstract Achievement Award, Global Research Award, Supplement Award) as well as the International Young Scientist Award from the **National Natural Science Foundation of China**. At the national level, he earned **TÜBA GEBİP** and Science Academy **BAGEP** awards. Importantly, Dr. Küçük mediated access of DEU School of Medicine to invaluable and up-to-date hematology education materials through ASH International Outreach Initiative. He is an editorial board member of **BMC Medicine**. The research group led by Dr. Küçük focuses on genomic, transcriptomic, and epigenomic aberrations causing lymphoid cancers to identify molecular biomarkers that can facilitate diagnosis, risk stratification, and disease monitoring of lymphoid cancers and to discover more effective therapeutic targets.

Education Information

Doctorate, University Of Nebraska Medical Center, Eppley Institute For Research In Cancer And Allied Diseases, United States Of America 2006 - 2012

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Turkey 2000 - 2005

Research Areas

Health Sciences

Academic Titles / Tasks

Associate Professor, Dokuz Eylül University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2023 - Continues

Associate Professor, Dokuz Eylül University, İzmir Uluslararası Biyotıp ve Genom Enstitüsü, Genom Bilimleri ve

Moleküler Biyoteknoloji Anabilim Dalı, 2018 - Continues

Assistant Professor, Dokuz Eylul University, İzmir Uluslararası Biyotıp ve Genom Enstitüsü, Genom Bilimleri ve Moleküler Biyoteknoloji Anabilim Dalı, 2015 - 2018

Assistant Professor, Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2015 - 2018

Academic and Administrative Experience

Non-interventional Research Ethics Committee Membership, İzmir Biomedicine and Genome Center, 2021 - 2024

Web responsible of İBG-izmir, Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2023 - 2023

Courses

Sinir Bilimleri- Sinir Bilimleri (Probleme Dayalı Öğrenme (PDÖ)), Undergraduate, 2023 - 2024

Thesis, Postgraduate, 2023 - 2024

Cancer Biology , Postgraduate, 2023 - 2024

Philosophy of Science and Ethics, Doctorate, 2023 - 2024

Solunum Dolaşım- Solunum Dolaşım (Probleme Dayalı Öğrenme (PDÖ)), Undergraduate, 2023 - 2024

Advanced Cancer Biology, Doctorate, 2022 - 2023

PDÖ, Undergraduate, 2022 - 2023

Advanced Cancer Biology, Doctorate, 2023 - 2024

Specialized Field, Postgraduate, 2023 - 2024

Specialized Field, Doctorate, 2023 - 2024

PDÖ, Undergraduate, 2022 - 2023

Thesis, Doctorate, 2023 - 2024

PDÖ, Undergraduate, 2022 - 2023

Gastrointestinal Sistem- Gastrointestinal Sistem (Probleme Dayalı Öğrenme (PDÖ)), Undergraduate, 2021 - 2022

Specialized Field, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Kliniğe Giriş Neoplazi- Kliniğe Giriş Neoplazi (Probleme Dayalı Öğrenme (PDÖ)), Undergraduate, 2021 - 2022

Thesis, Postgraduate, 2022 - 2023, 2021 - 2022

PDÖ, Undergraduate, 2022 - 2023

Specialized Field , Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Cancer Biology, Postgraduate, 2022 - 2023

Ürogenital Endokrin- Ürogenital Endokrin (Probleme Dayalı Öğrenme (PDÖ)), Undergraduate, 2022 - 2023

MBG 5008 Cancer Biology, Postgraduate, 2018 - 2019

TBG 5039 Temel Moleküler Biyolojik Yöntemler I (Güz), Postgraduate, 2017 - 2018, 2015 - 2016

MBG 5008 Cancer Biology (Güz), Postgraduate, 2017 - 2018, 2016 - 2017

Özel Çalışma Modülü (Güz), Undergraduate, 2016 - 2017

Özel Çalışma Modülü (Bahar), Undergraduate, 2016 - 2017

Specialized field (Güz), Postgraduate, 2016 - 2017

MBG 5008 Cancer Biology (Bahar), Postgraduate, 2016 - 2017

Uzmanlık alanı (yaz okul), Postgraduate, 2015 - 2016

Deri lokomotor bloğu PDÖ (Güz), Undergraduate, 2015 - 2016

TBG 5032 Kanserin Moleküler Temelleri (Bahar), Postgraduate, 2015 - 2016

Uzmanlık alanı (bahar), Postgraduate, 2015 - 2016

Advising Theses

Küçük C., Identification of expression levels of transcripts in tumors and tumor microenvironment and investigation of their relationship to clinical characteristics in diagnostic mantle cell lymphoma cases, Doctorate, E.Esmeray(Student), Continues

Küçük C., Investigation of the potential of the mutations in cell-free circulating tumor DNA as biomarkers of diagnosis and chemo-immunotherapy resistance in follicular lymphoma patients., Doctorate, T.Hatipoğlu(Student), 2023

Küçük C., PRDM1'in CD25 (IL2RA) aracılığıyla nNKHücrelerinin IL2 aktivasyonuna etkisinin incelenmesi, Doctorate, B.AKMAN(Student), 2021

Küçük C., Mantle hücreli lenfomalarda özgün tanı, prognoz belirteci veya tedavi hedefi olma potansiyeline sahip uzun kodlamayan RNA'ların tüm transkriptom dizi analizi yoluyla belirlenmesi, Postgraduate, D.KURŞUN(Student), 2019

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Muğla Sıtkı Koçman Üniversitesi, June, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Muğla Sıtkı Koçman Üniversitesi, March, 2024

Award, BAGEP 2022 ödül jüri, The Science Academy, March, 2022

Doctoral Examination, Doctoral Examination, Muğla Sıtkı Koçman Üniversitesi, January, 2022

Award, Ad Hoc BAGEP Komitesi, The Science Academy, October, 2021

Committee Of Expert, Committee Of Expert, TÜSEB Referee Report Evaluation Committee, September, 2021

Doctoral Examination, Doctoral Examination, Muğla Sıtkı Koçman Üniversitesi, June, 2021

Award, BAGEP 2021 ödül jüri, The Science Academy, March, 2021

Doctoral Examination, Doctoral Examination, Muğla Sıtkı Koçman Üniversitesi, January, 2021

Committee Of Expert, Committee Of Expert, Referee Report Evaluation Committee , December, 2020

Doctorate, Doctorate, Aalborg Universitet (Aalborg University), November, 2020

Award, BAGEP 2020 Ödül Jürisi, The Science Academy, March, 2020

Award, 45th Turkish Society of Hematology (THD) National Hematology Congress , 45th National Hematology Congress

Award Jury , October, 2019

Award, BAGEP 2019 ödül jüri, The Science Academy, March, 2019

Award, BAGEP 2018 ödül jüri, The Science Academy, March, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Whole-exome sequencing reveals genetic variants in low-risk and high-risk neuroblastoma.**
Altun Z. S., Yuan H., Baran B., Aktaş S., Esmeray Sönmez E., Küçük C., Olgun N.
Gene, vol.860, pp.147233, 2023 (SCI-Expanded)
- II. **Genetic and epigenetic analyses reveal transcriptional silencing of SOX7 due to deletion in a multiple myeloma case with double relapse**
Şeyhanlı A., Hatipoğlu T., Akman B., Hu X., Özsan G. H., Küçük C.
UHOD - ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, vol.33, no.1, pp.54-56, 2023 (SCI-Expanded)
- III. **New insights into epigenetic regulation of resistance to PD-1/PD-L1 blockade cancer immunotherapy: mechanisms and therapeutic opportunities**
Dai M., Liu M., Yang H., Küçük A. P. D. C., You H.
EXPERIMENTAL HEMATOLOGY & ONCOLOGY, vol.11, pp.101, 2022 (SCI-Expanded)
- IV. **Whole Transcriptome Sequencing Reveals Cancer-Related, Prognostically Significant Transcripts and Tumor-Infiltrating Immunocytes in Mantle Cell Lymphoma.**
Esmeray Sönmez E., Hatipoğlu T., Kurşun D., Hu X., Akman B., Yuan H., Erşen Danyeli A., Alacacioğlu I., Özkal S., Olgun A., et al.
Cells, vol.11, no.21, 2022 (SCI-Expanded)

- V. **Plasma Concentrations and Cancer-Associated Mutations in Cell-Free Circulating DNA of Treatment-Naive Follicular Lymphoma for Improved Non-Invasive Diagnosis and Prognosis.**
Hatipoğlu T., Esmeray Sönmez E., Hu X., Yuan H., Danyeli A. E., Şeyhanlı A., Önal-Süzek T., Zhang W., Akman B., Olgun A., et al.
Frontiers in oncology, vol.12, pp.870487, 2022 (SCI-Expanded)
- VI. **In Silico Methods for the Identification of Diagnostic and Favorable Prognostic Markers in Acute Myeloid Leukemia.**
Yilmaz H., Toy H. I., Marquardt S., KARAKÜLAH G., KÜÇÜK C., Kontou P., Logotheti S., Pavlopoulou A.
International journal of molecular sciences, vol.22, no.17, 2021 (SCI-Expanded)
- VII. **PRDM1 decreases sensitivity of human NK cells to IL2-induced cell expansion by directly repressing CD25 (IL2RA)**
Akman B., Hu X., Liu X., Hatipoglu T., You H., Chan W. C., KÜÇÜK C.
JOURNAL OF LEUKOCYTE BIOLOGY, vol.109, no.5, pp.901-914, 2021 (SCI-Expanded)
- VIII. **A prognostic model for melanoma patients on the basis of immune-related lncRNAs**
Wang Y., Ba H., Wen X., Zhou M., KÜÇÜK C., Tamagnone L., Wei L., You H.
AGING-US, vol.13, no.5, pp.6554-6564, 2021 (SCI-Expanded)
- IX. **Ultra-Deep Targeted Sequencing Reveals Cancer-Associated, Prognostically Significant Mutations in Circulating Cell-Free DNA in Treatment-Naive Patients with Follicular Lymphoma**
Hatipoglu T., Esmeray E., Hu X., Yuan H., Danyeli A. E., Seyhanli A., Suzek T. O., Zhang W., Olgun A., Akman B., et al.
BLOOD, vol.136, 2020 (SCI-Expanded)
- X. **Indolent T-Cell Lymphoproliferative Disease of the GI Tract: Insights for Better Diagnosis, Prognosis, and Appropriate Therapy**
KÜÇÜK C., Wei L., You H.
FRONTIERS IN ONCOLOGY, vol.10, 2020 (SCI-Expanded)
- XI. **Genetic susceptibility to natural killer T-cell lymphoma**
KÜÇÜK C.
LANCET ONCOLOGY, vol.21, no.2, pp.196-197, 2020 (SCI-Expanded)
- XII. **Epigenetic aberrations in natural killer/T-cell lymphoma: diagnostic, prognostic and therapeutic implications**
KÜÇÜK C., Wang J., Xiang Y., You H.
THERAPEUTIC ADVANCES IN MEDICAL ONCOLOGY, vol.12, 2020 (SCI-Expanded)
- XIII. **Genetic alterations in B cell lymphoma subtypes as potential biomarkers for noninvasive diagnosis, prognosis, therapy, and disease monitoring**
Esmeray E., Küçük C.
TURKISH JOURNAL OF BIOLOGY, vol.44, no.1, pp.1-14, 2020 (SCI-Expanded)
- XIV. **Systematic analysis of the frequently amplified 2p15-p16.1 locus reveals PAPOLG as a potential proto-oncogene in follicular and transformed follicular lymphoma**
Kursun D., KÜÇÜK C.
TURKISH JOURNAL OF BIOLOGY, vol.43, no.2, pp.124-133, 2019 (SCI-Expanded)
- XV. **Primary cardiac diffuse large B-cell lymphoma with concurrent high MYC and BCL2 expression in an immunocompetent Chinese elderly woman**
Wan Y., He D., Ye Y., Zhang W., Zhao S., Long Y., Chen M., KÜÇÜK C.
CARDIOVASCULAR PATHOLOGY, vol.31, pp.54-56, 2017 (SCI-Expanded)
- XVI. **Whole transcriptome analysis reveals dysregulated oncogenic lncRNAs in natural killer/T-cell lymphoma and establishes MIR155HG as a target of PRDM1**
Baytak E., Gong Q., Akman B., Yuan H., Chan W. C., KÜÇÜK C.
TUMOR BIOLOGY, vol.39, no.5, 2017 (SCI-Expanded)
- XVII. **The relationship of REL proto-oncogene to pathobiology and chemoresistance in follicular and transformed follicular lymphoma**
Hu X., Baytak E., Li J., Akman B., Okay K., Hu G., Scuto A., Zhang W., KÜÇÜK C.
LEUKEMIA RESEARCH, vol.54, pp.30-38, 2017 (SCI-Expanded)

- XVIII. **Diagnostic and Biological Significance of KIR Expression Profile Determined by RNA-Seq in Natural Killer/T-Cell Lymphoma**
KÜÇÜK C., Hu X., Gong Q., Jiang B., Cornish A., Gaulard P., McKeithan T., Chan W. C.
AMERICAN JOURNAL OF PATHOLOGY, vol.186, no.6, pp.1435-1441, 2016 (SCI-Expanded)
- XIX. **Clinicopathologic Characterization of Aggressive Natural Killer Cell Leukemia Involving Different Tissue Sites**
Gao L., Zhao S., Liu W., Zhang W., Li G., KÜÇÜK C., Hu X., Chan W. C., Tang Y., Ding W., et al.
AMERICAN JOURNAL OF SURGICAL PATHOLOGY, vol.40, no.6, pp.836-846, 2016 (SCI-Expanded)
- XX. **Lack of Evidence that HACE1 Is Not a Tumor Suppressor Gene in NKTCL**
Kucuek C., Hu X., McKeithan T., Chan W. C.
AMERICAN JOURNAL OF PATHOLOGY, vol.185, no.4, pp.1167-1168, 2015 (SCI-Expanded)
- XXI. **Global Promoter Methylation Analysis Reveals Novel Candidate Tumor Suppressor Genes in Natural Killer Cell Lymphoma**
Kucuek C., Hu X., Jiang B., Klinkebiel D., Geng H., Gong Q., Bouska A., Iqbal J., Gaulard P., McKeithan T. W., et al.
CLINICAL CANCER RESEARCH, vol.21, no.7, pp.1699-1711, 2015 (SCI-Expanded)
- XXII. **Activating mutations of *STAT5B* and *STAT3* in lymphomas derived from $\gamma\delta$ -T or NK cells**
Kucuk C., Jiang B., Hu X., Zhang W., Chan J. K. C., Xiao W., Lack N., Alkan C., Williams J. C., Avery K. N., et al.
NATURE COMMUNICATIONS, 2015 (SCI-Expanded)
- XXIII. **Genome-wide copy-number analyses reveal genomic abnormalities involved in transformation of follicular lymphoma**
Bouska A., McKeithan T. W., Deffenbacher K. E., Lachel C., Wright G. W., Iqbal J., Smith L. M., Zhang W., KÜÇÜK C., Rinaldi A., et al.
BLOOD, vol.123, no.11, pp.1681-1690, 2014 (SCI-Expanded)
- XXIV. **Indolent T-cell lymphoproliferative disease of the gastrointestinal tract**
Perry A. M., Warnke R. A., Hu Q., Gaulard P., Copie-Bergman C., Alkan S., Wang H., Cheng J. X., Bacon C. M., Delabie J., et al.
BLOOD, vol.122, no.22, pp.3599-3606, 2013 (SCI-Expanded)
- XXV. **microRNA expression profiling identifies molecular signatures associated with anaplastic large cell lymphoma**
Liu C., Iqbal J., Teruya-Feldstein J., Shen Y., Dabrowska M. J., Dybkaer K., Lim M. S., Piva R., Barreca A., Pellegrino E., et al.
BLOOD, vol.122, no.12, pp.2083-2092, 2013 (SCI-Expanded)
- XXVI. **HACE1 Is a Tumor Suppressor Gene Candidate in Natural Killer Cell Neoplasms**
Kucuek C., Hu X., Iqbal J., Gaulard P., Klinkebiel D., Cornish A., Dave B. J., Chan W. C.
AMERICAN JOURNAL OF PATHOLOGY, vol.182, no.1, pp.49-55, 2013 (SCI-Expanded)
- XXVII. **IDH2 mutations are frequent in angioimmunoblastic T-cell lymphoma**
Cairns R. A., Iqbal J., Lemonnier F., KÜÇÜK C., de Leval L., Jais J., Parrens M., Martin A., Xerri L., Brousset P., et al.
BLOOD, vol.119, no.8, pp.1901-1903, 2012 (SCI-Expanded)
- XXVIII. **PRDM1 is a tumor suppressor gene in natural killer cell malignancies**
Kucuek C., Iqbal J., Hu X., Gaulard P., De Leval L., Srivastava G., Au W. Y., McKeithan T. W., Chan W. C.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.108, no.50, pp.20119-20124, 2011 (SCI-Expanded)
- XXIX. **Natural killer cell lymphoma shares strikingly similar molecular features with a group of non-hepatosplenic gamma delta T-cell lymphoma and is highly sensitive to a novel aurora kinase A inhibitor in vitro**
Iqbal J., Weisenburger D. D., Chowdhury A., Tsai M. Y., Srivastava G., Greiner T. C., KÜÇÜK C., Deffenbacher K., Vose J., Smith L., et al.
LEUKEMIA, vol.25, no.2, pp.348-358, 2011 (SCI-Expanded)
- XXX. **Synaptic Development of the Mouse Dorsal Lateral Geniculate Nucleus**
Bickford M. E., Slusarczyk A., Dilger E. K., Krahe T. E., KÜÇÜK C., Guido W.

JOURNAL OF COMPARATIVE NEUROLOGY, vol.518, no.5, pp.622-635, 2010 (SCI-Expanded)

- XXXI. **Molecular signatures to improve diagnosis in peripheral T-cell lymphoma and prognostication in angioimmunoblastic T-cell lymphoma**
Iqbal J., Weisenburger D. D., Greiner T. C., Vose J. M., McKeithan T., KÜÇÜK C., Geng H., Deffenbacher K., Smith L., Dybkaer K., et al.
BLOOD, vol.115, no.5, pp.1026-1036, 2010 (SCI-Expanded)
- XXXII. **Genomic analyses reveal global functional alterations that promote tumor growth and novel tumor suppressor genes in natural killer-cell malignancies**
Iqbal J., KÜÇÜK C., deLeeuw R. J., Srivastava G., Tam W., Geng H., Klinkebiel D., Christman J. K., Patel K., Cao K., et al.
LEUKEMIA, vol.23, no.6, pp.1139-1151, 2009 (SCI-Expanded)
- XXXIII. **Clinical implication of genome-wide profiling in diffuse large B-cell lymphoma and other subtypes of B-cell lymphoma.**
Iqbal J., Joshi S., Patel K. N., Javed S. I., Kucuk C., Aabida A., d'Amore F., Fu K.
Indian journal of cancer, vol.44, no.2, pp.72-86, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Generation of a Genetically Engineered Aggressive Nk Cell Leukemia Cell Line with Stable IL2 Expression**
Hu X., Chan W. C., KÜÇÜK C.
Acta Medica International, vol.2, no.2, pp.78-84, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Genomics and Epigenomics of Natural Killer/T Cell Lymphoma: Diagnostic, Prognostic, and Therapeutic Implications**
Tan Y., Küçük C., Cui L.
in: Interdisciplinary Cancer Research, Nima Rezaei, Editor, Springer, London/Berlin , Edinburgh, pp.1-32, 2024
- II. **Genomic and Its Applications**
Küçük C.
in: Molecular Biology and Genetics-Advanced Applications in Health and Biotechnology, Prof. Dr. Mustafa Solak, Editor, Tüba Basın Yayın, Ankara, pp.235-258, 2023
- III. **Lenfoma Genetiği (HL, B-hücre NHL, KLL)**
KÜÇÜK C.
in: HematoLog, Güner Hayri Özsan, Müge Sayitoğlu, Editor, Galenos Yayınevi, pp.102-111, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Potential diagnostic and prognostic biomarkers of pediatric Burkitt lymphoma identified through miRNA-Seq of tumor tissue and plasma**
Küçük C., Esmeray Sönmez E., Hatipoğlu T., Yuan H., Hu X., Ceylan A., Önder Siviş Z., Demirağ B., Ataseven E., Ince D., et al.
EHA2024 Hybrid Congress, 13 - 16 June 2024, pp.4005
- II. **PRDM1 Promotes Primary Human Circulating CD56dim NK-Cell Differentiation**
Liu X., Zhang J., Shi Y., Shetty K., Küçük C., Esmeray Sönmez E., Chan W. C.
65. Amerika Hematoloji Derneği (ASH) yıllık toplantısı , California, United States Of America, 9 - 12 December 2023, pp.1177
- III. **Genetik ve epigenetik olarak sessizleşen SOX7'nin multipl miyelomdaki tümör baskılayıcı gen**

potansiyeli

Ceylan A., Hu X., Anar Arıcı A., Hatipoğlu T., Payzın K. B., Özsan G. H., Şirinoğlu Demiriz I., Şeker Ö., Kakçı M., Pavlopoulou A., et al.

49. Ulusal Hematoloji Kongresi, Antalya, Turkey, 1 - 05 November 2023, pp.102

- IV. **Sox7 is a candidate tumor suppressor gene in multiple myeloma**
Ceylan A., Hu X., Anar A., Hatipoğlu T., Payzın K. B., Özsan G. H., Şirinoğlu Demiriz I., Karakuş V., Pavlopulou A., Küçük C.
6th Edition of International Cancer Conference, London, England, 17 - 19 August 2023, pp.72-73
- V. **Pediatric Burkitt lenfomalarda miRNA-seq ile belirlenen miRNA seviyelerinin non-invazif tanı biyobelirteç potansiyelleri**
Esmeray Sönmez E., Hu X., Yuan H., Anar A., Hatipoğlu T., Önder Siviş Z., Demirağ B., Ataseven E., İnce D., Altun Z. S., et al.
48. Ulusal Hematoloji Kongresi, Antalya, Turkey, 1 - 05 November 2022
- VI. **THERAPEUTIC IMPLICATIONS OF TARGETED SEQUENCING AND miRNA-SEQ OF B CELL LYMPHOMAS**
Esmeray Sönmez E., Hatipoğlu ., Hu X., Yuan H., Erşen Danyeli A., Anar Arıcı ., Şeyhanlı ., Önder Siviş Z., Demirağ B., Ataseven E., et al.
1st International Basic Oncology Congress, 2 - 04 June 2022, vol.5, pp.31
- VII. **Mantle Hücreli Lenfoma Prognozuyla İlişkili Proto-OnkogenAdaylarının Transkriptomik Analizlerle Belirlenmesi**
Esmeray E., Kurşun D., Akman B., Hu X., Yuan H., Erşen Danyeli A., Alacacioğlu I., Özkal S., Hatipoğlu T., Olgun A., et al.
46. Ulusal Hematoloji Kongresi, 28 - 31 October 2020
- VIII. **SOX7 tümör baskılayıcı gen adayının multipl myelom olgularında tanı ve nüks esnasındaki rolünün incelenmesi**
Akman B., Şeyhanlı A., Hu X., TÜRKYILMAZ D., Olgun A., Kurşun D., ERDAĞ T. K., ÖZSAN G. H., KÜÇÜK C.
45. Ulusal Hematoloji Kongresi, Turkey, 30 October - 02 November 2019
- IX. **Foliküler lenfoma dolaşımsal serbest DNA'sındaki kanser ilişkili mutasyon varlığının hedefli derin dizilemeyle araştırılması**
KÜÇÜK C.
IV. YAŞAM BİLİMLERİ KONGRESİ, Kayseri, Turkey, 22 - 23 February 2019
- X. **Foliküler lenfoma dolaşımsal serbest DNA'sının invazif olmayan tanı amaçlı genomik profil analizi**
KÜÇÜK C.
44. Ulusal Hematoloji Kongresi, Turkey, 31 October - 03 November 2018
- XI. **CD25 (IL2RA) Is a Direct Transcriptional Target of PRDM1 in Activated Human Natural Killer Cells**
Akman B., Kursun D., Hatipoglu T., Hu X., Chan W. C., Kucuk C.
60th Annual Meeting of the American-Society-of-Hematology (ASH), California, United States Of America, 1 - 04 December 2018, vol.132
- XII. **Doğal öldürücü/T hücre lenfomalarında tüm transkriptom analizi sonucu disregüle olan kanser ilişkili uzun kodlamayan RNA'ların ve ilişkili oldukları sinyal yollarının belirlenmesi**
KÜÇÜK C.
XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Turkey, 26 - 29 October 2017
- XIII. **Diagnostic and therapeutic implications of omic approaches in lymphoid malignancies towards personalized medicine**
KÜÇÜK C.
5th International Bahçeşehir University (BAU) Drug Design Congress, 19 - 21 October 2017
- XIV. **THE ROLE OF REL PROTO ONCOGENE IN FOLLICULAR LYMPHOMA DEVELOPMENT**
Baytak E., Hu X., Li J., Okay K., Hu G., Scuto A., Zhang W., KÜÇÜK C.
6. Multidisipliner Kanser Araştırma Kongresi, Turkey, 27 - 30 October 2016
- XV. **Lenfoid Kanser Genomiği**
KÜÇÜK C.
EKOG Hacettepe Biyoloji ve Uygulamaları Kongresi, Turkey, 27 - 29 June 2016

- XVI. **Dođal öldürücü hücrelerde ChIp Seq ve mikrodizin analizi yoluyla PRDM1 transkripsiyon faktörünün hedef genlerinin belirlenmesi**
KÜÇÜK C.
8. Geleneksel Bilim ve Teknoloji Sempozyumu- Omik Bilimler ve Teknolojileri, Turkey, 24 April 2016
- XVII. **Functional genomics of NK and T cell lymphomas therapeutic and diagnostic implications**
KÜÇÜK C.
Bilkent Üniversitesi Moleküler Biyoloji ve Genetik Bölümü Semineri, Turkey, 17 February 2016
- XVIII. **RNA Seq analysis reveals KIR2DL4 expression as a clonal diagnostic marker and potential therapeutic target in natural killer T cell lymphoma**
KÜÇÜK C., Hu X., Gong Q., Cornish A., Gaulard P., McKeithan T., Chan W. C.
9th International Symposium on Health Informatics and Bioinformatics HIBIT 2015, 16 - 17 October 2015
- XIX. **Global promoter methylation analysis of natural killer cell lymphoma**
KÜÇÜK C.
iBG-izmir Genom Konferansı, 20 April 2015
- XX. **Frequent activating mutations of JAK STAT pathway genes in natural killer cell lymphomas**
KÜÇÜK C., Jiang B., Hu X., Gaulard P., Zhang W., Xiao W., Staudt L. M., Iqbal J., Zhang W., Cornish A., et al.
Amerika Hematoloji Topluluđu (ASH)- Uluslararası Yıllık 55. ASH toplantısı, 10 December 2013
- XXI. **Global Methylation Analysis Reveals Novel Candidate Tumor Suppressor Genes In Natural Killer Cell Lymphomas**
KÜÇÜK C., Hu X., Jiang B., Gaulard P., Klinkebiel D., Geng H., Bouska A., Iqbal J., McKeithan T., Chan W. C.
Amerika Hematoloji Topluluđu- Uluslararası Yıllık 55. ASH toplantısı, 07 December 2013
- XXII. **Global methylation analysis reveals novel candidate tumor supressor genes in natural killer cell lymphomas**
KÜÇÜK C., Hu X., Jiang B., Gaulard P., Klinkebiel D., Geng H., Bouska A., Iqbal J., McKeithan T., Chan W. C.
Nebraska Üniversitesi Tıp Merkezi Eppley Kanser Merkezi, Lösemi ve Lenfoma Araştırma Merkezi (CRL), United States Of America, 02 May 2013
- XXIII. **Novel fusion transcripts identified in angioimmunoblastic T cell lymphoma**
Guo S., KÜÇÜK C., Iqbal J., Rohr J., Bi C., Wang C., Staudt L. M., McKeithan T., Chan W. C.
102nci Amerika Birleşik Devletleri ve Kanada Patoloji Akademisi, 2 - 08 March 2013
- XXIV. **MicroRNA expression profiling identifies molecular diagnostic signatures for anaplastic large cell lymphoma**
Liu C., Iqbal J., TeruyaFeldstein J., Shen Y., Dabrowska M. J., Dybkr K., Lim M. S., Piva R., Barreca A., Pellegrino E., et al.
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- XXV. **Genetic Abnormalities in Follicular Lymphoma and Transformed Follicular Lymphoma**
Bouska A., McKeithan T., Deffenbacher K. E., Lachel C., Wright G. W., Iqbal J., Smith L. M., Liu Z., KÜÇÜK C., Bertoni F., et al.
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- XXVI. **The role of IDH2 and TET2 mutations in the pathogenesis of angioimmunoblastic T cell lymphoma**
Wang C., KÜÇÜK C., Chan W. C.
Sekizinci Uluslararası Öğrenci Araştırma Forumu, 7 - 09 August 2012
- XXVII. **HACE1 is a tumor supressor gene candidate in natural killer cell malignancies**
KÜÇÜK C., Hu X., Iqbal J., Gaulard P., Klinkebiel D., Cornish A., Chan W. C.
43'üncü Yıllık Ortabatı Öğrenci Biyomedikal Araştırma Forumu (MSBRF), 18 February 2012
- XXVIII. **PRDM1 is a tumor supressor gene in natural killer cell malignancies**
KÜÇÜK C.
Lösemi ve Lenfoma Araştırma Merkezi (CRL), United States Of America, 03 February 2011
- XXIX. **NK cell lymphoma shares strikingly similar molecular features with a distinct set of T cell lymphoma and identification of Aurora Kinase A Inhibitor as a novel therapeutic agent**
Iqbal J., Weisenburger D. D., Chowdhury A., Srivastava G., Greiner T. C., Deffenbacher K. E., KÜÇÜK C., Vose J. M., Au

W., Nakamura S., et al.

Amerika Hematoloji Topluluğu- Uluslararası Yıllık 51. ASH toplantısı, 5 - 08 December 2009

XXX. Molecular signatures to improve diagnosis prognostication and identification of oncogenic pathways in peripheral T and NK cell lymphoma

Iqbal J., Weisenburger D., Greiner T. C., Nakamura S., Vose J. M., Seto M., Delabie J., Berger F., Loong F., Au W., et al.

Amerika Hematoloji Topluluğu- Uluslararası Yıllık 50. ASH toplantısı, 5 - 08 December 2008

XXXI. Genomic analyses reveal global functional alterations that promote tumor growth and novel tumor suppressor genes in natural killer cell malignancies

KÜÇÜK C., Iqbal J., deLeeuw R. J., Gopesh S., Tam W., Klinkebiel D., Christman J. K., Shen L., Dybkaer K., Au W. Y., et al.

Kanser Markerlerinin Değerlendirilmesi Amaçlı Stratejik Toplantı (SPECS), United States Of America, 3 - 05 December 2008

XXXII. Genomic Analyses Reveal Global Functional Alterations That Promote Tumor Growth and Novel Tumor Suppressor Genes in Natural Killer-Cell Malignancies.

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50th Annual Meeting of the American-Society-of-Hematology, San-Francisco, Costa Rica, 6 - 09 December 2008, vol.112, pp.1298

XXXIII. Synaptic organization of the adult and neonatal mouse dorsal lateral geniculate nucleus

Slusarczyk A., KÜÇÜK C., Chomsung R., Eisenback M. A., Guido W., Bickford M. E.

Sinirbilim Topluluğu (Society for Neuroscience) Yıllık Toplantı, 14 - 18 October 2006

Supported Projects

Küçük C., Süzek T., Ceelen W., EU Supported Other Project, Kolorektal peritonal metastazlar için periton immün modülasyonu, 2023 - 2025

Küçük C., Hu X., Olgun A., Erşen Danyeli A., Alacacioğlu I., Özkal S., TÜBİTAK Project, Mantle hücreli lenfomalarda özgün tanı, prognoz belirteci veya tedavi hedefi olma potansiyeline sahip uzun kodlamayan RNA'ların tüm transkriptom dizi analizi yoluyla belirlenmesi, 2017 - 2020

Küçük C., Hız A. S., Other International Funding Programs, Türkiye'de Akraba Evliliklerine Bağlı Nörogenetik Hastalık Yükünün Araştırılmasında Yeni Genomik Yaklaşımlar, 2016 - 2020

Küçük C., Erşen Danyeli A., Özkal S., Alacacioğlu I., Olgun A., Özcan M. A., TÜBİTAK Project, Dolaşımdaki Serbest Tümör DNA sındaki Mutasyonların Foliküler Lenfoma Hastalarında Tanı Ve Kemo İmmünoterapi Direnç Biyomarkeri Olma Potansiyelinin İncelenmesi, 2016 - 2020

HIZ A. S., ARSLAN N., YENER G., ERDAL BAĞRIYANIK Ş. E., GENÇ Ş., ERESEN YAZICIOĞLU Ç., KÜÇÜK C., KARAKÜLAH G., Project Supported by Higher Education Institutions, Mavi Gen, 2014 - 2018

KÜÇÜK C., TÜBİTAK Project, Huh 7 insan hepatoselüler karsinoma hücre hatlarının fenotipik farklılaşmasında depo kontrollü kalsiyum girişinin işlevsel genomik analizi, 2013 - 2017

KÜÇÜK C., TÜBİTAK Project, REL onkogeninin foliküler lenfoma oluşumundaki rolünün incelenmesi, 2014 - 2016

Activities in Scientific Journals

BMC MEDICINE, Committee Member, 2023 - Continues

PEERJ, Committee Member, 2017 - 2023

Memberships / Tasks in Scientific Organizations

European Hematology Association , Member, 2017 - Continues, Netherlands

Turkish Hematology Association , Member, 2015 - Continues, Turkey

Medical Biology and Genetics Association , Member, 2015 - Continues, Turkey
American Society of Hematology , Member, 2018 - 2023, United States Of America
Society for Leukocyte Biology, Member, 2021 - 2022, United States Of America

Scientific Refereeing

FRONTIERS IN ONCOLOGY, SCI Journal, April 2024

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Dokuz Eylul University, Turkey, January 2024

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Dokuz Eylul University, Turkey, January 2024

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Dokuz Eylul University, Turkey, January 2024

TURKISH JOURNAL OF HAEMATOLOGY, Journal Indexed in SCI-E, December 2023

Project Supported by Higher Education Institutions, BAP Research Project, Dokuz Eylul University, Turkey, December 2023

FRONTIERS IN IMMUNOLOGY, SCI Journal, June 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Dokuz Eylul University, Turkey, June 2023

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BMC MEDICINE, SCI Journal, April 2023

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Association (NGO), Türk Hematoloji Derneği, Turkey, September 2021

TURKISH JOURNAL OF HAEMATOLOGY, SCI Journal, May 2021

CELL DEATH AND DISEASE, SCI Journal, March 2021

LEUKEMIA, SCI Journal, March 2021

CELL DEATH AND DISEASE, SCI Journal, March 2021

CELL DEATH AND DISEASE, SCI Journal, February 2021

CELL DEATH AND DISEASE, SCI Journal, December 2020

TURKISH JOURNAL OF HAEMATOLOGY, SCI Journal, November 2020

SIGNAL TRANSDUCTION AND TARGETED THERAPY, SCI Journal, September 2020

Association (NGO), Turkish Society of Hematology, Turkey, September 2020

TURKISH JOURNAL OF HAEMATOLOGY, SCI Journal, August 2020

FRONTIERS IN ONCOLOGY, SCI Journal, August 2020

SIGNAL TRANSDUCTION AND TARGETED THERAPY, SCI Journal, August 2020

TURKISH JOURNAL OF HAEMATOLOGY, SCI Journal, July 2020

MEDICAL SCIENCE MONITOR, SCI Journal, June 2020

MEDICAL SCIENCE MONITOR, SCI Journal, May 2020

JOURNAL OF CELLULAR PHYSIOLOGY, SCI Journal, May 2020

TURKISH JOURNAL OF HAEMATOLOGY, SCI Journal, May 2020

MEDICAL SCIENCE MONITOR, SCI Journal, April 2020

BRITISH JOURNAL OF HAEMATOLOGY, SCI Journal, April 2020
JOURNAL OF CELLULAR PHYSIOLOGY, SCI Journal, March 2020
TURKISH JOURNAL OF HAEMATOLOGY, SCI Journal, February 2020
FUTURE ONCOLOGY, SCI Journal, February 2020
PEERJ, SCI Journal, January 2020
LANCET ONCOLOGY, SCI Journal, September 2019
Association (NGO), Turkish Society of Hematology, Turkey, September 2019
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, July 2019
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, July 2019
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AUTOPHAGY, SCI Journal, June 2019
Journal of Pathology: Clinical Research, SCI Journal, June 2019
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, June 2019
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, June 2019
AUTOPHAGY, SCI Journal, March 2019
BIOSCIENCE REPORTS, SCI Journal, January 2019
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, December 2018
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, December 2018
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, December 2018
CANCER MANAGEMENT AND RESEARCH, SCI Journal, September 2018
Association (NGO), Turkish Society of Hematology, Turkey, September 2018
CANCER MANAGEMENT AND RESEARCH, SCI Journal, August 2018
AUTOPHAGY, SCI Journal, May 2018
PLOS ONE, SCI Journal, April 2018
AUTOPHAGY, SCI Journal, January 2018
TUBITAK Project, 3501 - National Young Researcher Career Development Program, Turkish Scientific and Technical Council of Turkey, Turkey, January 2018
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, January 2018
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, January 2018
TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, Turkish Scientific and Technical Council of Turkey, Turkey, January 2018
PLOS ONE, SCI Journal, November 2017
Association (NGO), Turkish Society of Hematology, Turkey, September 2017
ONCOTARGETS AND THERAPY, SCI Journal, August 2017
TURKISH JOURNAL OF BIOLOGY, SCI Journal, August 2017
PLOS ONE, SCI Journal, August 2017
Project Supported by Public Organizations in Other Countries, Biotechnology and Biological Sciences Research Council,

England, August 2017
BMC GENOMICS, SCI Journal, July 2017
TURKISH JOURNAL OF BIOLOGY, SCI Journal, June 2017
FUTURE ONCOLOGY, SCI Journal, June 2017
BMC GENOMICS, SCI Journal, May 2017
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TURKISH JOURNAL OF HAEMATOLOGY, SCI Journal, April 2017
BMC GENOMICS, SCI Journal, February 2017
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Tumor Biology, SCI Journal, December 2016
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, May 2016
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BMC GENOMICS, SCI Journal, March 2016
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, December 2015
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkish Scientific and Technical Council of Turkey, Turkey, December 2015
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Tasks In Event Organizations

Küçük C., The 16th International Symposium on Health Informatics and Bioinformatics (HIBIT'23), Scientific Congress, Turkey, Ekim 2023

Küçük C., Bioinformatics and genome analyses, Scientific Congress, İzmir, Turkey, Mayıs 2016

Küçük C., International Conference on Genomics and Bioinformatics, Scientific Congress, İzmir, Turkey, Mayıs 2016

Metrics

Publication: 71

Citation (WoS): 2002

Citation (Scopus): 2140

H-Index (WoS): 16

H-Index (Scopus): 15

Congress and Symposium Activities

7th Edition of International Conference (ICC 2024), Invited Speaker, Maryland, United States Of America, 2024

Europe Hematology Association (EHA) 2024 Hiybrid Congress, Attendee, Madrid, Spain, 2024

6th Edition of International Cancer Conference (ICC 2023), Invited Speaker, London, England, 2023

The 64th ASH Annual Meeting and Exposition, Audience, Louisiana, United States Of America, 2022

The 63rd American Society of Hematology (ASH) Annual Meeting and Exposition , Audience, Georgia, United States Of America, 2021

47. Ulusal Hematoloji Kongresi, Attendee, Antalya, Turkey, 2021

Geleneksel TÜBA-GEBİP Yıllık Değerlendirme Toplantısı-2020, Attendee, İzmir, Turkey, 2020

The 62nd American Society of Hematology (ASH) Annual Meeting and Exposition , Attendee, California, United States Of America, 2020

46th National Hematology Congress, Attendee, Antalya, Turkey, 2020

10th Surgical Research Congress, Attendee, Malatya, Turkey, 2019

The 61st American Society of Hematology (ASH) Annual Meeting and Exposition , Audience, Florida, United States Of America, 2019

45th National Hematology Congress, Attendee, Antalya, Turkey, 2019

The 60th American Society of Hematology (ASH) Annual Meeting and Exposition , Attendee, Florida, United States Of America, 2018

44th National Hematology Congress, Attendee, Antalya, Turkey, 2018

XV. National Medical Biology and Genetic Congress, Attendee, Muğla, Turkey, 2017

6. Multidisipliner Kanser Araştırma Kongresi, Audience, Konya, Turkey, 2016

14. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Audience, Muğla, Turkey, 2015

9. Uluslararası Sağlık Bilişimi ve Biyoinformatiği Sempozyumu (HIBIT 2015), Audience, Muğla, Turkey, 2015

iBG-izmir Genome Conference, Attendee, İzmir, Turkey, 2015

American Society of Hematology-2013 Annual ASH meeting, Attendee, Louisiana, United States Of America, 2013

American Society of Hematology-2013 Annual ASH meeting, Attendee, Louisiana, United States Of America, 2013

102nd United States and Canadian Academy of Pathology, Attendee, Maryland, United States Of America, 2013

15. 102nd United States and Canadian Academy of Pathology, Attendee, Maryland, United States Of America, 2013

American Society of Hematology-2012 Annual ASH meeting, Attendee, Georgia, United States Of America, 2012

Invited Talks

Genomic analyses of circulating cell free DNA in follicular lymphoma: Diagnostic, prognostic, and therapeutic implications, Conference, 7th Edition of International Cancer Conference (ICC 2024), United States Of America, October 2024

SOX7 is a candidate tumor suppressor gene in multiple myeloma, Conference, 6th Edition of International Cancer Conference (ICC 2023), England, August 2023

The 1st International Basic Oncology Congress, Conference, Basic Oncology Association, Turkey, June 2022

1st Recent Developments in National Cancer Research Congress (UKAG2022), Conference, Gaziantep University, Turkey, June 2022

Anatolian 1st Virtual Cancer Congress, Conference, Anatolian genetics and biology , Turkey, April 2022

“Genomic analyses of B cell lymphomas and characterization of the role of CD25 (IL2RA) as a PRDM1 target gene in human natural killer cell proliferation, Seminar, TUBA, Turkey, December 2021

ICGEB Cancer Bioinformatics Tools Workshop , Workshop, ICGEB (International Centre for Genetic Engineering and Biotechnology), Turkey, December 2021

İstanbul Üniversitesi Çocuk Tümörleri Konseyi Toplantısı, Conference, İstanbul Üniversitesi, Turkey, January 2021

Investigation of lymphoid malignancies using genomic approaches to improve diagnosis, prognosis, and identify novel targets of therapy, Seminar, Izmir Institute Of Technology, Turkey, June 2020

7. IV. Life Sciences Congress, Conference, Abdullah Gul University, Turkey, February 2019

Functional genomics of NK and T cell lymphomas: therapeutic and diagnostic implications, Seminar, Affiliated Cancer Hospital & Institute of Guangzhou Medical University, China, June 2018

2nd Çukurova Hepatocellular Carcinoma Congress, Conference, Cukurova University, Turkey, February 2018

5. Uluslararası Bahçeşehir Üniversitesi (BAU) İlaç Tasarım Kongresi, Conference, 5. Uluslararası Bahçeşehir Üniversitesi (BAU) İlaç Tasarım Kongresi, Turkey, October 2017

Hacettepe Biology and Application Congress, Conference, Hacettepe University, Turkey, June 2016

8. International Science and Technology Symposium- Omic sciences and Technologies, Conference, Ege University, Turkey, April 2016

Functional genomics of NK and $\gamma\delta$ T cell lymphomas: therapeutic and diagnostic implications, Seminar, Ihsan Dogramaci Bilkent University, Turkey, February 2016

XIV. National Medical Biology and Genetic Congress, Conference, Medical Biology and Genetics Association, Turkey, October 2015

9th International Symposium on Health Informatics and Bioinformatics, Conference, Muğla Sıtkı Koçman University, Turkey, October 2015

9th International Symposium on Health Informatics and Bioinformatics (HIBIT) 2015, Workshop, European Molecular Biology Organization, Turkey, October 2015

Awards

Küçük C., ASH International Outreach Initiative-2023, Amerika Hematoloji Derneği, May 2023

Küçük C., Takviye Ödülü, Amerika Hematoloji Derneği (Ash), June 2021

Küçük C., International Young Scientist Award, Çin Ulusal Doğal Bilimler Vakfı, August 2018

Küçük C., Küresel Araştırma Ödülü, Amerika Hematoloji Derneği, June 2018

Küçük C., The Outstanding Young Scientists Award , Tüba-Gebip, November 2017

Küçük C., Young Scientist Award, Tr. Bilim Akademisi, April 2015

Küçük C., ASH Abstract Achievement Award, Amerika Hematoloji Derneği (Ash), October 2013

Non Academic Experience

City of Hope Tıp Merkezi

Nebraska Üniversitesi Tıp Merkezi