

CURRICULUM VITAE AND LIST OF WORKS

Name - Surname :Ayşen TEZEL
Academic Title :Assistant Professor
E-mail :aysen.tezel@jsga.edu.tr
Education Status :PhD

Education Status :

Degree	Department/Program	University
Bachelor's Degree	Biology	Hacettepe University Faculty of Science
Master's License	Medical Biology and Genetics	Dokuz Eylul University Faculty of Medicine Institute of Health Sciences
Doctorate	Medical Biology and Genetics	Dokuz Eylul University Faculty of Medicine Institute of Health Sciences

Master's Thesis Title (abstract attached) and Thesis Advisor(s):

Thesis Name:Determination of the effect of toluene on human peripheral blood lymphocytes in vitro by SCE (Sister Chromatide Exchange) method.

Thesis Advisor:Prof.Dr.Meral SAKIZLI

Title of Doctoral Thesis (abstract attached) and Supervisor(s):

Thesis Name:Investigation of possible genetic alterations and microsatellite instabilities in melanocytic nevi and malignant melanoma by cytogenetic and molecular genetic methods.

Thesis Advisor:Prof. Dr. Meral SAKIZLI

Duties:

Title	Place of Duty	Year
Research Assistant	Dokuz Eylul University Faculty of Medicine Department of Medical Biology and Genetics	1988-1998
Forensic Science Expert	Gendarmerie Criminal Investigation Department	1999-2019-
Assistant Prof. / Prof.	Gendarmerie Coast Guard Academy Dean of the Faculty of Security Sciences Department of Forensic Sciences/Institute of Forensic Sciences Department of Forensic Natural Sciences	2022-

Managed Forensic Science Specialist (GCID) Theses:

- | | |
|---|------|
| 1.Validation of the PLEXOR® HY System | 2011 |
| 2.Monitoring heteroplasmy in a population group by mtDNA sequence | 2010 |
| 3.mtDNA sequence analysis from bloodstains on various materials | 2008 |

Tasks in Projects:

1. SPO Project (Researcher) Ayşen TEZEL,Oğuz Altungöz, Erdinç Yüksel, Ertan M. Ay, Filiz Paralı, Meral Sakızlı, National

The use of fluorescence in situ suppression hybridization techniques for the diagnosis and prognosis of human cancers and inherited genetic diseases.

1. Tübitak Project (SBAG-1462) (Researcher):Kemal S. Korkmaz, Şenay Çelik, Serap Sevil, Birsen Cevher, Ayşen TEZEL, Meral Sakızlı, National

NFI Investigation of the relationship between tumor suppressor gene and ras gene at cell-specific expression level and investigation of mutations by molecular biological methods.

1. European Union Twinning Project (TR 13 IB JH 04) (Project Preparer):Mustafa KAYIKCI, Ayşen TEZEL, International

Improving Capabilities of Crime Scene Investigation Teams and Units of Gendarmerie and Turkish National Police in Turkey.

1. Scientific Research Project (23A4, JSGA) (Executive Director): Ayşen TEZEL, Ramazan ARSLAN, Özgür DAŞCI, National

Optimization of eye color and hair color prediction by SNaPshot minisequencing for forensic identification

Administrative Duties:

1. Mitochondrial DNA Laboratory Section Supervisor (JKDB-2007-2009)

Head of Department of Forensic Sciences, Head of Department of Forensic Natural Sciences (JSGA-2022-)

Memberships to Scientific Organizations:None.

Scientific Awards:

1. Prof. Dr. Bedii Gorbon Award:

TEZEL A, KORKMAZ KS, ÇELİK Ş, ÖZER E, ATABEY A, SAKIZLI M:
Microsatellite instability in malignant melanoma and melanocytic nevi. Cancer Agenda, 2/3
July 1997, page 65, Abstract publication (Turkey Cancer War Foundation-1997
Prof.Dr.Bedii Gorbon Research Award) (Doctoral Thesis)

2nd TUBITAK Science and Incentive Award:

2.1 TEZEL A, ATABEY N, EMRE S, SAKIZLI M: SCE frequency of Herpes Simplex Type
I infected cells. Mutation Research, 306-81-83,1994

2.2 CAKIR AH, ÇELEBİOĞLU A. Allele frequency distribution of three STR loci (D5S818,
Penta D, and Penta E) in Turkish population. J Forensic Sci.47(5):1-2,2002

2.3 CAKIR AH, ÇELEBİOĞLU A, ALTUNBAŞ S. STR data for the AmpF1STR SGM plus
from Marmara region of Turkey. Forensic Science International, 127(3):240-242,2002

2.4 CAKIR AH, ÇELEBİOĞLU A, ŞİMŞEK F. STR data for the AmpF1STR SGM plus from
Aegean region of Turkey. Forensic Sci.Int. 129:137-139,2002

2.5 CAKIR AH, ÇELEBİOĞLU A. Y-chromosomal STR haplotypes at the loci DYS19,
DYS385, DYS389II, DYS390, DYS391 and DYS393 in Marmara Region of Turkey. Journal
of Forensic Science.48(1):215-217,2003

2.6 CAKIR AH, ÇELEBİOĞLU A, ALTUNBAŞ S, YARDIMCI E. Allele frequencies for 15
STR loci in Van-Ağrı districts of the Eastern Anatolia region of Turkey. Forensic
Sci.Int.135(1):60-63,2003

2.7 CAKIR AH, ÇELEBİOĞLU A, YARDIMCI E. Y-STR haplotypes in Central Anatolia
region of Turkey. Forensic Sci.Int. 144:59-64,2004

**3. Commendations from Gendarmerie General Command and Gendarmerie and
Coast Guard Academy:**

3.1. 2001 Certificate of Appreciation - JKDB Biological Investigation Branch Manager

3.2. 2003 Certificate of Appreciation - Gendarmerie Criminal Department Head

3.3. 2004 Certificate of Appreciation - Gendarmerie Criminal Department Head

3.4. 2004 Certificate of Appreciation - Gendarmerie Criminal Department Head

3.5. 2006 Certificate of Appreciation - Gendarmerie Criminal Department Head

3.6. 2006 Certificate of Appreciation - Chief of Operations

3.7. 2007 Certificate of Appreciation - Gendarmerie Criminal Department Head

3.8. 2007 Certificate of Appreciation - Gendarmerie Criminal Department Head

3.9. 2008 Certificate of Appreciation - Gendarmerie Criminal Department Head

3.10. 2008 Certificate of Appreciation - JKDB Biological Examination Branch Manager

- 3.11. 2009 Certificate of Appreciation - Gendarmerie Criminal Department Head
 3.12. 2009 Certificate of Appreciation - Chief of Operations
 3.13. 2010 Certificate of Appreciation - Gendarmerie Criminal Department Head
 3.14. 2011 Certificate of Appreciation - Gendarmerie Criminal Department Head
 3.15. 2011 Certificate of Appreciation - Gendarmerie General Commander
 3.16. 2015 Certificate of Achievement - Chief of Operations
 3.17. 2019 Certificate of Service – Gendarmerie General Commander
 3.18. 2023 Certificate of Achievement-JSGA-Forensic Sciences Institute Director (March 17, 2023)
 3.19. 2023 Certificate of Achievement-JSGA-Academy President (09 June 2023)
 3.20. 2023 Certificate of Achievement JSGA-Academy President (21 June 2023)
 3.21. 2023 Certificate of Achievement JSGA-Academy President (25 August 2023)

Academic year	Term	Course title	Weekly Hour(s)		number Ugh Students
			theoretical	Applied	
2022-2023	Spring	Criminalistics	36	-	94
2023-2024	Fall	Forensic Medicine			

WORKS

A. Articles published in international reference journals

A1 TEZEL A.ÇETİNKAYA Ö, GÜZELTEPE B, KILIÇ N, Genetic identification with heteroplasmic variations in maternally related individuals in forensic cases, Turkish J Biology, 40:694-698,2016(DOI: 10.3906/biy-1506-62)

A2. ÇAKIR AH,ÇELEBİOĞLU A.Y-chromosomal STR haplotypes at the loci DYS19, DYS385, DYS38911, DYS390, DYS391 and DYS393 in Marmara region of Turkey. J Forensic Sci. 48(1):215-217, 2003

A3. ÇAKIR AH,ÇELEBİOĞLU A.Allele frequency distribution of three STR loci (D5S818, Penta D, and Penta E) in Turkish population. J Forensic Sci.47(5):1154-1155,2002

A4. ÇAKIR AH,ÇELEBİOĞLU A,ALTUNBAŞ S. STR data for the AmpFISTR SGM plus from Marmara region of Turkey. Forensic Science International, 127(3):240-242,2002[10.1016/S0379-0738\(02\)00119-6](https://doi.org/10.1016/S0379-0738(02)00119-6)

A5. ÇAKIR AH,ÇELEBİOĞLU A,YARDIMCI E..Y-STR haplotypes in Central Anatolia region of Turkey. Forensic Sci.Int. 144:59-64,2004<http://dx.doi.org/10.1016/j.forsciint.2004.02.008>

A6. ÇAKIR AH, ÇELEBİOĞLU A, ALTUNBAŞ S, YARDIMCI E.. Allele frequencies for 15 STR loci in Van-Ağrı districts of the Eastern Anatolia region of Turkey. Forensic Sci.Int.135(1):60-63,2003 [doi:10.1016/S0379-0738\(03\)00169-5](https://doi.org/10.1016/S0379-0738(03)00169-5)

A7. ÇAKIR AH, ÇELEBİOĞLU A, ŞİMŞEK F. STR data for the AmpF1STR SGM plus from Aegean region of Turkey. Forensic Sci.Int. 129:137-139,2002 [doi:10.1016/S0379-0738\(02\)00225-6](https://doi.org/10.1016/S0379-0738(02)00225-6)

A8. ÇAKIR AH, ŞİMŞEK F, ÇELEBİOĞLU A; TAŞDELEN B: Analysis of the three STR loci (D16S539, D7S820, D13S317) in a population sample of Marmara region of Turkey. J Cell and Mol. Bio. 1:25-30,2002

A9. GÜZELTEPE B, TEZEL A: Evaluation of mtDNA and nucDNA analysis methods in blood stains. Turkology Journal. 9:83-92,2012.

A10. TEZEL A, ARIKAN M Ç, YÜCE Z: Non-Mendelian inheritance in man: Genomic imprinting. Marmara Medical Journal, 9(2):85-88, 1996

A11. TEZEL A, ATABEY N, EMRE S, SAKIZLI M: SCE frequency of Herpes Simplex Type I infected cells. Mutation Research, 306:81-83,1994 [doi:10.1016/0027-5107\(94\)90169-4](https://doi.org/10.1016/0027-5107(94)90169-4)

B. Papers presented at international scientific meetings and published in the proceedings book:

B1. TEZEL A. Will SNPs replace STRs in forensic identification, IV. International Conference on Global Practice of Multidisciplinary Scientific Studies, April 28-30, 2023, Turkish Republic of Northern Cyprus (Oral Presentation – Participation Certificate)

B2. ÇAKIR AH, ÇELEBİOĞLU A, YARDIMCI E. Y-STR Haplotype Distribution in Central Anatolia Region of Turkey. Third European Academy of Forensic Science Meeting, September, 22-27 2003, Istanbul. Forensic Sci. International 136(1):38,2003 (Poster)

B3. ÇELEBİOĞLU A, ÇETİNKAYA Ö, GÜZELTEPE B. Typing of the DNA Mixture of two individuals from a bite mark: a case study. First International Eurasian Congress of Forensic Sciences. October 8-11, 2008, Istanbul/Türkiye (Poster)

B4. ÇELEBİOĞLU A. The use of mtDNA technology in bone and teeth identification. The 12th scientific meeting of the international association for craniofacial identification. November 01-04-2006, Istanbul-Türkiye (Oral Presentation)

B5. ÇELEBİOĞLU A. Genetic identification of crime scene and human samples in Gendarmerie Criminal Department. 21nd ENFSI DNA Working Group Meeting, September, 3-4 2004, Dublin-IRELAND (Oral Presentation – Participation Certificate)

B6. PIERCE RA, TEZEL A. Expression of sonic hedgehog, patched and elastin in developing lung. October 20-23, 1997, A New York Academy of Sciences Conference-Morphogenesis Cellular Interactions, USA (Poster)

B7. ACAR B, KADANALI S, TEZEL A, SAKIZLI M: Cytogenetic abnormalities in uterine leiomyomata. IIIrd International congress of obstetrics and gynaecology. September 7-11, 1992, Izmir, Türkiye (Poster)

C. Authored international books or chapters in books:None

D. Articles published in national reference journals:

D1. ÇAKIR AH, ÇELEBİOĞLU A, ŞİMŞEK F. Analysis of 10 STR loci (D3S1358, vWA, D16S539, D2S1338, D8S1179, D21S11, D18S51, D19S433, THO1, FGA) from the Turkish Population. Clinical Forensic Medicine 1(2):22-30, 2001

D2. ÇELEBİOĞLU A, KATIRCI N, ALTUNBAŞ S, AKDEMİR B, KAYDIRAK B. Evaluation of the presence of prostate specific antigen (PSA) in seminal fluid in sexual assault cases. Journal of Forensic Sciences, 5(4):23-26, 2006

D3. TEZEL A, ALTUNGÖZ O, ATABEY A, ÖZER E, ÖZEN E, SAKIZLI M: Cytogenetic studies in malignant melanoma and melanocytic nevi. Turkish Journal of Oncology, 12(4):57-60, 1997

D4. TEZEL A, DİRİK E, YÜKSEL E, PARALI F, AY E, SAKIZLI M: Familial pericentric inversion inv (9) (p13;q13). Ege Medical Journal, 1(1-2):27-28, 1996

D5. TEZEL A, ATABEY N, SAKIZLI M: Effect of Rifamycin on SCE (Sister Chromatid Exchange) frequency in human lymphocyte cultures. ANKEM Journal, 6(1):32-36, 1992

E. Papers presented at national scientific meetings and published in proceedings books:

E1. TEZEL A. "Phenotype Studies in Forensic Identification" thematic panel,, Gendarmerie and Coast Guard Academy, May 26, 2023, Beytepe-Ankara (Panelist, Oral presentation-Participation Certificate)

E2. TEZEL A. New Generation Sequencing Technology and Identification of Identical Twins, 13th International Anatolian Forensic Sciences Congress, May 5-7, 2016, Aydın-Germencik (Oral Presentation)

E3. ÇELEBİOĞLU A, The Use of Mitochondrial DNA Technology in Forensic Sciences. 6th Anatolian Forensic Sciences Congress-6-9 September 2007, Manisa (Oral presentation-Participation Certificate)

E4. ÇELEBİOĞLU A. DNA Isolation from Teeth and Bone. Forensic Dentistry Symposium, April 06-08, 2006 Ankara-GATA (Oral Presentation)

E5. TEZEL A, Statistical Evaluation of Crime Scene Investigation Activities. Forensic Sciences Workshop, April 16-17, 2015, Ankara (Oral Presentation - Certificate of Participation)

- E6.** ÇAKIR AH, ÇELEBİOĞLU A, ŞİMŞEK F. Analysis of ten STR loci in the Turkish population. Ministry of Justice Forensic Medicine Institute, Annual Forensic Medicine Meetings-2001, April 25-27, 2001, ISTANBUL (Poster)
- E7.** KATIRCI N, ALTUNBAŞ S, ÇELEBİOĞLU A, AKDEMİR B, KAYDIRAK B. Evaluation of the presence of prostate specific antigen (PSA) in seminal fluid in sexual assault cases. IV. Anatolian Forensic Sciences Congress. September 22-25, 2005, Denizli (Poster)
- E8.** ÇELEBİOĞLU (TEZEL) A, UCKAN D, CETIN M, TEZCAN I, OKUR H, TUNCER AM: In vitro amplification of STR regions to evaluate chimerism after allogeneic bone marrow transplantation. XIIIth National Cancer Congress, April 27-May 1, 1999, ANTALYA (Poster)
- E9.** TEZEL A, ALTUNGÖZ O, ATABEY A, ÖZER E, ÖZEN E, SAKIZLI M: Cytogenetic studies in malignant melanomas and melanocytic nevi. XII. National Cancer Congress, April 23-26, 1997 Antalya-TURKEY (Poster)
- E10.** TEZEL A, KORKMAZ KS, ÇELİK Ş, SARIOĞLU S, ÖZER E, ATABEY A, SAKIZLI M: Microsatellite instability in malignant melanoma and melanocytic nevi (1997 Prof. Dr. Bedii Gorbun Research Award). XII. National Cancer Congress, April 23-26, 1997, Antalya-TURKEY (Poster)
- E11.** ALTUNGÖZ O, ATABEY A, ÖZER E, TEZEL A, PARALI F, ERKIZAN V, SAKIZLI M: Cytogenetic findings consistent with the diagnosis of lipoma in a case clinically considered as fibrosarcoma recurrence. IV. National Medical Biology Congress, June 24-28, 1996, Izmir-TURKIYE (Poster)
- E12.** YÜKSEL E, PARALI F, AY ME, ALTUNGÖZ O, TEZEL A, SERCAN HO, SAKIZLI M: Cytogenetic studies in CML and ALL cases. IV. National Medical Biology Congress, June 24-28, 1996, Izmir-TURKIYE (Poster)
- E13.** AY ME, YÜKSEL E, YÜCE Z, PARALI F, TEZEL A, ERESEN Ç, GÜLEŞKEN S, ALTUNGÖZ O, SAKIZLI M: 46,XX r(15) a case of VSD with karyotype of VSD. IV. National Medical Biology Congress, June 24-28, 1996, Izmir-TURKEY (Poster)
- E14.** AY ME, YÜKSEL E, PARALI F, TEZEL A, ALTUNGÖZ O, SAKIZLI M: Cytogenetic data in Down Syndrome cases: Evaluation of 141 cases. IV. National Medical Biology Congress, June 24-28, 1996, Izmir-TURKIYE (Poster)
- E15.** YÜKSEL E, AY ME, TEZEL A, PARALI F, ALTUNGÖZ O, SAKIZLI M: Cytogenetic anomalies detected in sex chromosomes. IV. National Medical Biology Congress, June 24-28, 1996, Izmir-TURKIYE (Poster)
- E16.** TEZEL A, YÜKSEL E, AY ME, ALTUNGÖZ O, PARALI F, ERESEN Ç, YÜCE Z, SAKIZLI M: Chromosomal anomalies in recurrent abortions. IV. National Medical Biology Congress, June 24-28, 1996, Izmir-TURKIYE (Poster)

E17. YÜKSEL E, ERESEN Ç, AY ME, PARALI F, TEZEL A, ALTUNGÖZ O, YÜCE Z, SAKIZLI M: Cytogenetic analysis in cases with prediagnosis of Fragile X Syndrome. IV. National Medical Biology Congress, June 24-28, 1996, Izmir- TURKIYE (Poster)

E18. TEZEL A, ERÇAL MD, ERATA Y, DEMİR N, AY ME, PARALI F, SAKIZLI M: Numerical anomalies detected in prenatal diagnostic studies. III. National Medical Biology Congress, October 29-November 1, 1994, Antalya- TURKIYE (Poster)

E19. PARALI F, SAKIZLI M, ATABEY N, TEZEL A, GÜVEN H, APAYDIN Ş, GİDENER S: In vitro demonstration of SCE in subjects exposed to Aktelit, Aspot, Restin and Aquarestin. III. National Medical Biology Congress, October 29-November 1, 1994, Antalya- TURKIYE (Poster)

E20. YÜKSEL E, AY ME, TEZEL A, TOPUZ A, ACAR B, SAKIZLI M: Chromosomal anomalies detected in abortion cases. III. National Medical Biology Congress, October 29-November 1, 1994, Antalya-TURKIYE (Poster)

E21. TEZEL A, ERÇAL MD, DEMİR N, SAKIZLI M : Prenatal Cytogenetic Studies at Dokuz Eylul University. II. National Medical Biology Congress, September 22-24, 1992, Ankara-TURKIYE (Poster)

E22. TEZEL A, ATABEY N, EMRE S, SAKIZLI M: SCE frequency analysis in HSV-I infected cells. IX. National Cancer Congress and VI. Pediatric Tumors Congress, 1991, Izmir- TURKIYE (Poster)

E23. TEZEL A, ATABEY N, SAKIZLI M: The effect of Rifamycin on SCE (Sister Chromatid Exchange) frequency in human lymphocyte cultures. VI. National ANKEM Congress, May 6-10, 1991, Antalya-TURKIYE (Poster-Participation Certificate)

F. Other Publishes

F1. YARDIMCI E, GÜZELTEPE B, ALTUNBAŞ S, ÇETİNKAYA Ö, ÇELEBİOĞLU A, Gendarmerie Criminal Department Publications, Biological Investigations, Page: 101-146, February 2011, NSN: 7610270516945 (Book Chapter)

G. Other Meetings:

G1. "Postmortem Identification in Disasters" Workshop, 08-09 June 2023, JSGA, Institute of Forensic Sciences, Beytepe-Ankara (Session Chair)

G2. "Asymmetric Threat: Improvised Explosive Devices" thematic Panel, September 05, 2023, JSGA, Institute of Forensic Sciences, Beytepe-Ankara (Participant)