

## Asst. Prof. İDİL YET

### Personal Information

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### Education Information

Doctorate, University Of London-Kings College London, Faculty Of Life Sciences & Medicine, Division Of Genetics & Molecular Medicine/ Department Of Twin Research And Genetic Epidemiology, United Kingdom 2011 - 2016

Postgraduate, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Sağlık Bilişimi/Tıp Bilişimi, Turkey 2007 - 2011

Undergraduate, Başkent Üniversitesi, Fen Edebiyat Fakültesi, İstatistik Ve Bilgisayar Bilimleri, Turkey 2003 - 2007

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, INTEGRATED EPIGENOMICS AND METABOLOMICS ANALYSIS IN TWINS, University Of London-Kings College London, Department Of Twin Research And Genetic Epidemiology, Bioinformatics, 2016

Postgraduate, BIVARIATE RANDOM EFFECTS AND HIERARCHICAL META-ANALYSIS OF SUMMARY RECEIVER OPERATING CHARACTERISTIC CURVE ON FINE NEEDLE ASPIRATION CYTOLOGY, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Sağlık Bilişimi/Tıp Bilişimi, 2011

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biostatistics and Medical Informatics, Life Sciences, Bioinformatics, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyoinformatik A.B.D., 2017 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation**  
Min J. L. , Hemani G., Hannon E., Dekkers K. F. , Castillo-Fernandez J., Luijk R., Carnero-Montoro E., Lawson D. J. , Burrows K., Suderman M., et al.  
NATURE GENETICS, vol.53, no.9, pp.1311-1336, 2021 (Journal Indexed in SCI)
- II. **Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging**  
McCartney D. L. , Min J. L. , Richmond R. C. , Lu A. T. , Sobczyk M. K. , Davies G., Broer L., Guo X., Jeong A., Jung J., et al.  
GENOME BIOLOGY, vol.22, no.1, 2021 (Journal Indexed in SCI)

- III. **Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium**  
 van der Spek A, Broer L, Draisma H. H. M. , Pool R, Albrecht E, Beekman M, Mangino M, Raag M, Nyholt D. R. , Dharuri H. K. , et al.  
 SCIENTIFIC REPORTS, vol.9, 2019 (Journal Indexed in SCI)
- IV. **Smoking induces coordinated DNA methylation and gene expression changes in adipose tissue with consequences for metabolic health**  
 Tsai P, Glastonbury C. A. , Eliot M. N. , Bollepalli S, YET Í, Castillo-Fernandez J. E. , Carnero-Montoro E, Hardiman T, Martin T. C. , Vickers A, et al.  
 CLINICAL EPIGENETICS, vol.10, 2018 (Journal Indexed in SCI)
- V. **GWAS of epigenetic aging rates in blood reveals a critical role for TERT**  
 Lu A. T. , Xue L, Salfati E. L. , Chen B. H. , Ferrucci L, Levy D, Joehanes R, Murabito J. M. , Kiel D. P. , Tsai P, et al.  
 NATURE COMMUNICATIONS, vol.9, 2018 (Journal Indexed in SCI)
- VI. **Genetic Variation at 16q24.2 Is Associated With Small Vessel Stroke**  
 Traylor M, Malik R, Nalls M. A. , Cotlarciuc I, Radmanesh F, Thorleifsson G, Hanscombe K. B. , Langefeld C, Saleheen D, Rost N. S. , et al.  
 ANNALS OF NEUROLOGY, vol.81, no.3, pp.383-394, 2017 (Journal Indexed in SCI)
- VII. **Heritable components of the human fecal microbiome are associated with visceral fat**  
 BEAUMONT M, Goodrich J. K. , JACKSON M. A. , Yet I, Davenport E. R. , VIEIRA-SILVA S, DEBELIUS J, PALLISTER T, MANGINO M, RAES J, et al.  
 GENOME BIOLOGY, vol.17, 2016 (Journal Indexed in SCI)
- VIII. **Genetic Influences on Metabolite Levels: A Comparison across Metabolomic Platforms**  
 Yet I, Menni C, SHIN S, Mangino M, SORANZO N, ADAMSKI J, SUHRE K, Spector T. D. , Kastenmueller G, Bell J. T.  
 PLOS ONE, vol.11, no.4, 2016 (Journal Indexed in SCI)
- IX. **A Metabolome-Wide Association Study of Kidney Function and Disease in the General Population**  
 SEKULA P, GOEK O, Quaye L, Barrios C, LEVEY A. S. , ROEMISCH-MARG W, Menni C, Yet I, GIEGER C, INKER L. A. , et al.  
 JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY, vol.27, no.4, pp.1175-1188, 2016 (Journal Indexed in SCI)
- X. **Genetic and environmental impacts on DNA methylation levels in twins**  
 Yet I, Tsai P, Castillo-Fernandez J. E. , Carnero-Montoro E, Bell J. T.  
 EPIGENOMICS, vol.8, no.1, pp.105-117, 2016 (Journal Indexed in SCI)
- XI. **Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels**  
 Draisma H. H. M. , Pool R, KOBL M, Jansen R, PETERSEN A, VAARHORST A. A. M. , Yet I, HALLER T, DEMIRKAN A, ESKO T, et al.  
 NATURE COMMUNICATIONS, vol.6, 2015 (Journal Indexed in SCI)
- XII. **coMET: visualisation of regional epigenome-wide association scan results and DNA co-methylation patterns**  
 MARTÍN T. C. , YET Í, TSAÍ P, BELL J. T.  
 BMC BIOINFORMATICS, vol.16, 2015 (Journal Indexed in SCI)
- XIII. **An integrated epigenomic analysis for type 2 diabetes susceptibility loci in monozygotic twins**  
 Yuan W, XIA Y, Bell C. G. , Yet I, Ferreira T, Ward K. J. , GAO F, LOOMIS A. K. , HYDE C. L. , WU H, et al.  
 NATURE COMMUNICATIONS, vol.5, 2014 (Journal Indexed in SCI)
- XIV. **Long term conservation of human metabolic phenotypes and link to heritability**  
 YOUSRI N. A. , KASTENMUELLER G, GIEGER C, SHIN S, Erte I, Menni C, PETERS A, MEISINGER C, MOHNEY R. P. , ILLIG T, et al.  
 METABOLOMICS, vol.10, no.5, pp.1005-1017, 2014 (Journal Indexed in SCI)
- XV. **Glycosylation of Immunoglobulin G: Role of Genetic and Epigenetic Influences**  
 Menni C, KESER T, Mangino M, Bell J. T. , Erte I, Akmacic I, Vuckovic F, Bakovic M. P. , GORNÍK O, McCarthy M. I. , et al.

PLOS ONE, vol.8, no.12, 2013 (Journal Indexed in SCI)

**XVI. Biomarkers for Type 2 Diabetes and Impaired Fasting Glucose Using a Nontargeted Metabolomics Approach**

Menni C., FAUMAN E., Erte I., Perry J. R. B. , KASTENMUELLER G., SHİN S., PETERSEN A., HYDE C., Psatha M., Ward K. J. , et al.

DIABETES, vol.62, no.12, pp.4270-4276, 2013 (Journal Indexed in SCI)

**XVII. Metabolomic markers reveal novel pathways of ageing and early development in human populations**

Menni C., KASTENMUELLER G., PETERSEN A. K. , Bell J. T. , Psatha M., Tsai P., GİĘGER C., SCHULZ H., Erte I., JOHN S., et al.

INTERNATIONAL JOURNAL OF EPIDEMIOLOGY, vol.42, no.4, pp.1111-1119, 2013 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

**I. A PILOT PROTEOMIC ANALYSIS OF PLASMA BIOMARKERS IN IGA VASCULITIS**

DEMİR S., Sardan M., YET İ., SAĞ E., BİLGİNER Y., ÇELİKBIÇAK Ö., ÖZEN S.

Annual European Congress of Rheumatology (EULAR), ELECTR NETWORK, 03 June 2020, vol.79, pp.1200-1201

## Supported Projects

ÇELİKBIÇAK Ö., GENÇAY ÇELEMLİ Ö., ÖZEL S., YET İ., ŞARDAN EKİZ M., Project Supported by Higher Education Institutions, Türkiyedeki Bazı Monofloral Balların ve Bal Üzerinde Arı Irkı Etkilerinin GCMS Temelli Metabolomik ve Foodomik Yaklaşım ile İncelenmesi, 2021 - Continues

EKMEKÇİ Y., YET İ., ÇULHA ERDAL Ş., ÇİÇEK N., KAYIHAN C., Project Supported by Higher Education Institutions, Tuz ön uygulaması ile bor toleransı kazandırılmış Arabidopsis thaliana bitkisinde transkriptomik ve proteomik cevabın elde edilmesi, 2020 - Continues

BAŞCI AKDUMAN N. E. , ÖKTEN A. İ. , DOĞAN A., Eylem C. C. , GEZERCAN Y., NEMUTLU E., YET İ., ALTINTAŞ S., AÇIK V., Project Supported by Higher Education Institutions, Glioblastoma multiforme, menenjiyom (birincil) ve metastaz (ikincil) beyin tümörlerine ait fenotiplerin belirlenmesinde kullanılacak bütünlük omiks analizler için analitik yöntem geliştirilmesi ve uygulanması, 2020 - Continues

ÖZEN S., DEMİR S., GÜLBAKAN B., ÇELEBİER M., YET İ., LAY İ., Project Supported by Higher Education Institutions, Romatizmal hastalıklarda mikrobiyanın, proteomik ve metabolomik analiz sonuçlarının hastalık patogenezi ve seyrindeki etkilerinin incelenmesi. Kısım 2:Henoch Schönlein Purpura/IgA vaskülitinde proteomik inceleme, 2019 - Continues Altınışık N. E. , Kılınç G. M. , Özer F., Erdal Y. S. , Somel M., Yet İ., TUBITAK Project, Obezite ve Tip 2 Diyabet ile İlişkili Genetik Yapının Anadolu'da Son 10.000 Yıl İçindeki Değişim Dinamiklerinin Antik DNA ve Popülasyon Genetiği Yaklaşımları ile İncelenmesi , 2021 - 2024

## Citations

Total Citations (WOS):1134

h-index (WOS):13

## Awards

Yet İ., L'Oréal Türkiye'nin UNESCO iş birliğiyle verilen Bilim Kadınları İçin 2020 ödülü (FWIS 2020), L'Oréal Türkiye'nin Unesco İş Birliğiyle Verilen Bilim Kadınları İçin 2020 Ödülü (Fwıs 2020), September 2020