

Curriculum Vitae

Mehmet Tevfik DORAK, BA (Hons), MD, PhD

Professor

Head of School of Life Sciences, Pharmacy & Chemistry

Kingston University London, U.K.

PERSONAL DETAILS

Full name : Mehmet Tevfik DORAK
Nationality : Turkish / Naturalised British
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LinkedIn : <http://www.linkedin.com/in/dorakmt>
ResearchGate : https://www.researchgate.net/profile/Mehmet_Dorak
Loop : <http://loop.frontiersin.org/people/52202/overview>
Google Scholar : <https://tinyurl.com/jr9dpqe>
PubMed : <http://tinyurl.com/hacqrkr>

Current position:

Head of School of Life Sciences, Pharmacy & Chemistry
Kingston University London, UK
From: 4 September 2017

UNIVERSITY EDUCATION

Hacettepe University, School of Medicine, Ankara, Turkey
Qualification: M.D.

Post-graduate medical training

Specialist training in Internal Medicine

Department of Internal Medicine, Hacettepe University, School of Medicine, Ankara & Akdeniz University, School of Medicine, Antalya, Turkey

Open University (UK)

Qualification: B.A. (Hons, first class)

PhD study

Title: A Search for a Leukaemia Susceptibility Gene in the HLA Complex (supervisors: Professor Alan K Burnett & Ken I. Mills; examiners: Robert R West/Epidemiology and Ben A Bradley/Immunology).
Dept of Haematology, University of Wales College of Medicine, Cardiff, UK ([www](http://www.uwcm.ac.uk))

Diploma in Statistics - Open University (UK)

(Completed courses: M246 Elements of Statistics; M346 Linear Statistical Modelling; MST121 Using Mathematics; MDST242 Statistics in Society and M343 Applications of Probability) supplemented by the Imperial College London Course "Statistical Analysis of Genetic Association Studies" and Wellcome Trust Genome Center Course "Genetic Analysis of Multifactorial Diseases".

PREVIOUS POSTS

Professor
Head of School of Health Sciences
Liverpool Hope University
Liverpool, UK
2014 (Jan 1) - 2017 (Sept 3)

Associate Professor
Graduate Program Director (Departmental)
Robert Stempel College of Public Health and Social Work
Department of Epidemiology (*from Febr 16, 2013*)
[Department of Environmental and Occupational Health (*until Febr 15, 2013*)]
Florida International University
Miami, FL, USA
2010 (Jan 1) - 2013 (Dec 31)

2007-2009:
Head of Genomic Immunoepidemiology
HUMIGEN LLC, The Institute for Genetic Immunology
Hamilton, NJ, USA

2004-2007:
Principal Research Associate
Paediatric and Lifecourse Epidemiology Research Group
School of Clinical Medical Sciences (Child Health)
Newcastle University, UK

Associate Lecturer (S366: Evolution)
The Open University (North), UK

Associate Lecturer (S320: Infectious Disease)
The Open University (North), UK

2001-2004:
Assistant Professor
Department of Epidemiology
School of Public Health
University of Alabama at Birmingham
Birmingham, AL, USA

2000-2001:
Assistant Professor
Division of Transplantation, Department of Surgery
University of Tennessee at Memphis
Memphis, TN, USA

1992-2000:
Non-Clinical Lecturer (Research)
Department of Haematology
University of Wales College of Medicine
Cardiff, Wales, UK

1991-1992:
Research Fellow
Leukaemia Research Fund Laboratories
Glasgow Royal Infirmary, Scotland, UK

FELLOWSHIPS AND AWARDS

- **British Council Scholarship** (Glasgow Royal Infirmary, Scotland, UK)
- **Outstanding Abstract Award** and **ASHI Scholar** designation by the American Society for Histocompatibility and Immunogenetics (ASHI), 1994 Annual Meeting, Pittsburgh, PA and again in 2008 Annual Meeting, Toronto, Canada
- **Best Overseas Abstract Award** by the British Society for Histocompatibility and Immunogenetics (BSHI) at the 2002 Annual Meeting, Scotland, UK
- **Top Scholar Award** by Florida International University, 2013

PROFESSIONAL ACTIVITIES

- Memberships and Fellowships:

- ✓ Fellow of the American College of Epidemiology (FACE)
- ✓ Fellow of the Royal Statistical Society (FRSS)
- ✓ European Federation of Immunogenetics (EFI)
- ✓ American Society for Histocompatibility and Immunogenetics (ASHI)
- ✓ ASHI International Committee
- ✓ Genetics Society (U.K.)
- ✓ Children's Cancer and Leukaemia Group U.K. (CCLG)
- ✓ CCLG Research Advisory Group
- ✓ International Society of Paediatric Oncology (SIOP)
- ✓ Foundation for Open Access Statistics (FOAS)
- ✓ Adjunct Faculty (Associate Professor of Molecular Biology): Rowan University, School of Osteopathy, Stratford, NJ, USA

- Editorial Board member:

- ✓ [Genes & Immunity](#)
- ✓ [Frontiers in Public Health](#) (Associate Editor)
- ✓ [Frontiers in Cardiovascular Medicine](#) and [Frontiers in Medicine](#) (Statistical Review Editor)
- ✓ [International Journal of Molecular Epidemiology and Genetics](#)
- ✓ [Türkiye Klinikleri: Journal of Medical Sciences](#)

- Reviewer for a number of international journals including:

- ✓ Genes & Immunity
- ✓ Gene
- ✓ Human Genetics
- ✓ Human Molecular Genetics
- ✓ Molecular Human Reproduction
- ✓ International Journal of Cancer
- ✓ New England Journal of Medicine
- ✓ BMC Genetics
- ✓ Gender and the Genome
- ✓ Cancer Research
- ✓ Cancer Epidemiology Biomarkers and Prevention
- ✓ Cancer Genetics Cytogenetics
- ✓ Carcinogenesis
- ✓ British Journal of Cancer
- ✓ Leukemia & Lymphoma
- ✓ Pediatric Hematology & Oncology
- ✓ Journal de Pediatria
- ✓ Bone Marrow Transplantation
- ✓ Expert Reviews in Haematology
- ✓ Annals of Epidemiology
- ✓ Public Health Genomics
- ✓ Tissue Antigens

- ✓ Human Immunology
- ✓ Cytokine
- ✓ International Journal of Immunogenetics
- ✓ Journal of Infectious Diseases
- ✓ Journal of Acquired Immunodeficiency Syndromes
- ✓ Molecular Biology Reports
- ✓ Arthritis & Rheumatism
- ✓ Southern Medical Journal
- ✓ Scientific Reports
- ✓ PLoS One, PLoS Genetics
- ✓ Breast Cancer Research & Treatment
- ✓ Pigment Cell & Melanoma Research

PRESENTATIONS (since 2010)

(accessible through www.dorak.info or available on request)

- Invited talk at the Pediatric Cancer Epidemiology Symposium: Fundamental Questions & Strategies (Houston, TX): Gender Effect in Cancer Risk. May 13, 2010 ([www](#))
- Invited talk at the 5th Brazilian HLA and Disease Symposium (Rio de Janeiro, Brazil): HLA Associations in Multifactorial Diseases. June 10, 2010 ([www](#))
- Lecture at the Metabolomics Summer School (Trabzon, Turkey): Environmental Metabolomics. July 7, 2010
- Lecture at the Recent Advances in Applications of Bioinformatics and Biomics Workshop. Ege University, Department of Biochemistry (Izmir, Turkey): Molecular Basis of Disease: From Genomics to Metabolomics. July 14, 2010
- Seminar at the FIU Comparative Immunology Department (Miami, FL): MHC and Mate Selection across Species. Febr 24, 2010
- Seminar at the FIU College of Medicine (Miami, FL): Genetic Epidemiology as a Probe for Disease Biology. April 15, 2011 ([www](#))
- Seminar at the South Florida Pediatric Oncology Society (University of Miami College of Medicine, FL): Descriptive Epidemiology of Childhood Leukemia and the Hispanic Connection. May 9, 2011
- Seminar at Istanbul Technical University, Molecular Biology and Genetics Research Center (MOBGAM, Istanbul, Turkey): Real-time PCR: Troubleshooting June 3, 2011 ([www](#))
- Invited talk at the International Congress on Bioinformatics and Biomics (Kusadasi, Turkey): Genomics in Disease Risk Assessment. May 21, 2011 ([www](#))
- Seminar at the University of Alabama in Birmingham Epidemiology Seminar Series: Iron Depletion in Disease Prevention. Oct 24, 2011 ([www](#))
- Talk at the Childhood Leukemia International Consortium Meeting (Barcelona, Spain): Ethnic/Racial Differential in Childhood Leukemia Risk. Sept 17, 2011
- Seminar at the University of Miami College of Medicine, Batchelor Children's Research Institute (Miami, FL): Genetic Susceptibility to Childhood Leukemia & The Hispanic Connection. Nov 16, 2011 ([www](#))
- Seminar at the Cancer Institute of New Jersey: Breast Cancer Susceptibility and HLA Complex: Source of Missing Heritability? Dec 7, 2011 ([www](#))

- Seminar at the Mount Sinai Medical Center, Dept of Molecular Pathology (Miami Beach, FL): HLA Complex: Genetics & Biology. Dec 1, 2011 ([www](#))
- Seminar at the Mount Sinai Medical Center, Dept of Molecular Pathology (Miami Beach, FL): HLAComplex: Clinical Utility. February 23, 2012 ([www](#))
- Oral presentation at the 14th Annual Biomedical & Comparative Immunology Symposium, FIU: Genome-wide Association Signals from the HLA Region and Evolutionary Lineages. March 2, 2012
- Seminar at the FIU Comparative Immunology Department (Miami, FL): HLA Molecules and Antibodies in Transplantation. March 20, 2012
- Seminar at the FIU Summer Internship Research Program & MBRS Program: How to Prepare an Oral Presentation of Your Research. July 22, 2012 (repeated on Sept 19, 2013 at the MBRS Professional Development Workshop) (Accessible via [Scientific Writing Resources](#))
- Seminar at the FIU Comparative Immunology Department (Miami, FL): Cancer Immune Surveillance. Sept 29, 2012 ([www](#))
- Seminar at the MBRS Professional Development Workshop: Scientific Writing. February 5, 2013 (Accessible via [Scientific Writing Resources](#))
- Seminar at the University of Miami, Dept of Public Health and Epidemiology: Iron Excess and Cancer Connection. January 29, 2013
- Analysis of HLA Region Polymorphisms Associated with Cancer. Oral presentation at ASHI 2013, Chicago, IL, November 17-21, 2013 ([www](#))
- Alternative Explanations for HLA and Disease Associations. Oral presentation at EFI 2014, Stockholm, Sweden, 2014
- The Role Played by the HLA Complex in Adverse Drug Reactions. Invited talk at IMPPS-4, Istanbul, Turkey, September 18-21, 2014 ([www](#))
- Nanotechnology Applications in Genetics. Turkish-German Workshop on Bioinformatics: Recent Developments from Health to Nanotechnology, Kusadasi, Turkey, October 19-22, 2014 ([www](#))
- Bioinformatics Resources for Genetic Epidemiologists. International Conference on Applied Informatics for Health and Life Sciences (AIHLS), Kusadasi, Turkey, October 2014 ([www](#))
- HLA-DQA1 3'UTR is an Unexplored Source of Disease Associations in the HLA Complex. Oral presentation at EFI 2015, Geneva, Switzerland, 2015 ([www](#))
- A Survey of Cancer Somatic Mutations in the HLA Region. Oral presentation at ASHI, Savannah, GA, 2015 ([www](#))
- Potential Mediation of HLA and Cancer Associations via Non-coding RNAs. Oral presentation at ASHI, Savannah, GA, 2015 ([www](#))
- Causality Assessment of HLA Region Associations in GWAS for Autoimmune Diseases. [XIVth National Medical Biology and Genetics Congress](#), Fethiye, Turkey, October 27-30, 2015 ([www](#))
- Interpretation of GWAS Findings in Transplant Outcome Studies. Invited plenary lecture at the [Annual European Federation of Immunogenetics Societies \(EFI\) Region 8 External Proficiency Testing \(EPT\) Meeting](#). Bucharest, Romania, December 5, 2015 ([www](#))

- [Genome Biology and Applied Bioinformatics Course](#). Istanbul University, Medical School. Turkey, March 28/29, 2016.
- Largest copy number variation regions in the extended HLA show correlations with ancestral HLA haplotypes. Oral presentation at the 30th European Immunogenetics and Histocompatibility Conference, Kos, Greece, May 10-14, 2016 ([www](#))
- Functional annotations of common disease markers in immune regulatory genes. Oral presentation at the 30th European Immunogenetics and Histocompatibility Conference, Kos, Greece, May 10-14, 2016 ([www](#))
- Insights into type 1 diabetes and multiple sclerosis pathogenesis from common genetic associations. Oral presentation at the 30th European Immunogenetics and Histocompatibility Conference, Kos, Greece, May 10-14, 2016 ([www](#))
- What Does Your DNA Say About You? Inaugural Professorial Lecture at Liverpool Hope University on May 18, 2016 ([www](#)).
- Recent Advances in Genome Biology: Insight from GWAS to Disease. Invited talk at the 5th International Congress of the Molecular Biology Association Turkey. Istanbul, Turkey, Sept 8-12, 2017
- Making sense of genetic associations with childhood leukaemia risk. Oral presentation at the [Childhood Cancer Conference 2016](#). London, September 5-7, 2016 ([www](#))
- [II. Genome Biology and Applied Bioinformatics Course](#). Istanbul University, Medical School. Turkey, April 17/18, 2017.

COURSES TAUGHT

(All 3 credit, graduate-level courses taught in Florida International University, 2010-2013)

- PHC6538: Genetic Issues in Public Health
- PHC7300: Biologic Basis of Environmental Health
- PHC6315: Introduction to Environmental Health
- PHC6307: Exposure Assessment in Environmental and Occupational Epidemiology
- PHC6007: Cancer Epidemiology
- PHC6990: Genetic Epidemiology
- Human Biology, Human Genetics, Environmental Health and Basic Statistics blocks in undergraduate Health Sciences integrative curriculum in Liverpool Hope University (2014-cont.)

PAST DOCTORAL STUDENTS (graduated)

- Amy E. Kennedy - (Florida International University) 2013 ([www](#))
- Sandeep K. Singh - (Florida International University) 2015 ([www](#))

PAST DOCTORAL COMMITTEE MEMBERSHIPS (USA)

- Banu Flemming (Mississippi State University) - 2004
- Shiryn Sukhram (Florida International University) - 2012
- Anthony Bellantuono (Florida International University) - 2013
- Miguel Cruz (Florida International University) - 2014
- Karina Villalba (Florida International University) - 2014
- Nicole Porther (Florida International University) - ongoing
- Tiffany Stewart (Florida International University) - ongoing
- Sabrina Sales (Florida International University) - ongoing
- Ketaki Deshpande (Florida International University) - ongoing

PAST MASTERS STUDENT

- Noelle Tor (University of Wales College of Medicine, U.K.) - 2000

PUBLICATIONS

1. **Dorak MT**, Yegin O. Human leukocyte antigens [review]. *Turkish Journal of Medical Sciences* 1990;14:686-702.
2. **Dorak MT**, Chalmers EA. HLA and leukaemia: is it a simple allelic association? *Turkish Journal of Paediatrics* 1992;34(1):55-9.
3. **Dorak MT**, Burnett AK. Major histocompatibility complex, t-complex, and leukaemia [review]. *Cancer Causes and Control* 1992;3(3):273-82.
4. **Dorak MT**, Chalmers EA, Sproul AM, Mills KI, Wilson DWL, Galbraith I, Henderson N, Gibson BES, Burnett AK. MHC class III polymorphisms in selection of donors for bone marrow transplantation. *Bone Marrow Transplantation* 1993;11(1):37-41.
5. **Dorak MT**, Chalmers EA, Gaffney D, Wilson DWL, Galbraith I, Henderson N, Worwood M, Mills KI, Burkett AK. Human major histocompatibility complex contains several leukaemia susceptibility genes. *Leukemia & Lymphoma* 1994;12(3-4):211-22.
6. **Dorak MT**, Burnett AK. Molecular mimicry of an HLA-DR53 epitope by viruses [letter]. *Immunology Today* 1994;15(3):138-9.
7. **Dorak MT**, Mills KI, Gaffney D, Wilson DW, Galbraith I, Henderson N, Burnett AK. Homozygous MHC genotypes and longevity. *Human Heredity* 1994;44(5):271-8.
8. Worwood M, Raha-Chowdhury R, **Dorak MT**, Darke C, Bowen DJ, Burnett AK. Alleles at D6S265 and D6S105 define a haemochromatosis-specific genotype. *British Journal of Haematology* 1994;86(4):863-6.
9. **Dorak MT**, Burnett AK, Worwood M. Thymus-leukaemia antigens: Haemochromatosis gene product? *Immunology and Cell Biology* 1994;72(5):435-9 ([www](#)).
10. Worwood M, **Dorak MT**, Raha-Chowdhury R. Haplotypes in linkage disequilibrium with the hemochromatosis gene [letter]. *American Journal of Human Genetics* 1994;55(3):586-7 ([www](#)).
11. Worwood M, **Dorak MT**, Raha-Chowdhury R, Darke C. Genetics of haemochromatosis [review]. *Advances in Experimental Medicine and Biology* 1994;356:309-18.
12. **Dorak MT**, Wilson DW, Galbraith I, Henderson N, Burnett AK, Worwood M. A molecular analysis of the telomeric end of the human major histocompatibility complex. *Human Immunology* 1995;42(1):1-8.
13. **Dorak MT**, Owen G, Galbraith I, Henderson N, Webb D, Mills KI, Darke C, Burnett AK. Nature of HLA-associated predisposition to childhood acute lymphoblastic leukaemia. *Leukemia* 1995;9(5):875-8.
14. **Dorak MT**, Machulla HK, Hentschel M, Mills KI, Langner J, Burnett AK. The influence of homozygosity for HLA-DR53 on the age at onset in chronic lymphoid leukaemia. *International Journal of Cancer* 1996;65(2):134-9.
15. **Dorak MT**. The role of the major histocompatibility complex in the genetics of human leukaemia [review]. *Turkish Journal of Medical Sciences* 1996;26(2):119-23.
16. **Dorak MT**. The implications for childhood leukaemia of infection with adenovirus [review]. *Trends in Microbiology* 1996;4(2):60-3.
17. Worwood M, **Dorak MT**, Nicklin S, Stone C, Pointon J, Darke C. The frequency of the haemochromatosis-associated genotype D6S265-1:D6S105-8 in blood donors. *British Journal of Haematology* 1996;93(4):838-40.
18. **Dorak MT**, Mills KI, Poynton C, Burnett AK. HLA and Hodgkin's disease [letter]. *Leukemia* 1996;10(10):1671-2.
19. **Dorak MT**, Mills KI, Poynton C, Burnett AK. HLA and Hodgkin's disease. Reply to Taylor and Gokhale [letter]. *Leukemia* 1997;11(6):892-3.
20. Sunguroglu A, Guc D, Sipahi T, **Dorak MT**. A sex-specific difference in homozygosity for HLA-DR53 in newborns. *Turkish Journal of Paediatrics* 1998;40(2):211-6.
21. **Dorak MT**, Lawson T, Machulla HK, Darke C, Mills KI, Burnett AK. Unravelling an HLA-DR association in childhood acute lymphoblastic leukemia. *Blood* 1999;94(2):694-700 ([www](#)).
22. **Dorak MT**, Sproul AM, Gibson BES, Burnett AK, Worwood M. The C282Y mutation of HFE is another male-specific risk factor for childhood ALL (letter). *Blood* 1999;94(11):3957-8 ([www](#)).
23. Kaslow RA, **Dorak MT**, Tang J. Is protection in HIV infection due to Bw4 or not to Bw4? *Lancet Infectious Diseases* 2001;1(4):221-2.

24. **Dorak MT**, Oguz FS, Yalman N, Diler AS, Kalayoglu S, Anak S, Sargin D, Carin MN. A male-specific increase in the HLA-DRB4 (DR53) frequency in high-risk childhood ALL. *Leukemia Research* 2002;26(7):651-8.
25. **Dorak MT**, Burnett AK, Worwood M. Haemochromatosis gene in leukaemia and lymphoma [*invited review*] *Leukemia & Lymphoma* 2002;43(3):467-477.
26. **Dorak MT**. *Book Review*: Basic Immunology: Functions and Disorders of the Immune System by Abbas & Lichtman, W.B. Saunders Co., 2000. *American Journal of Epidemiology* 2002;155(2):185-6.
27. **Dorak MT**, Folayan GO, Niwas S, Yee LJ, Tang J, van Leeuwen DJ, Kaslow RA. C-C chemokine receptor 2 and C-C chemokine receptor 5 genotypes in patients treated for chronic hepatitis C virus infection. *Immunologic Research* 2002;26(1-3):167-75.
28. Sabek O, **Dorak MT**, Kotb M, Gaber OA, Gaber L. Quantitative detection of T-cell activation markers by real-time PCR in renal transplant rejection and correlation with histopathological evaluation. *Transplantation* 2002;74(5):701-7.
29. Oguz FS, Yalman N, Diler AS, Oguz R, Anak S, **Dorak MT**, Carin MN. HLA-DRB1*15 and pediatric aplastic anemia (letter). *Haematologica* 2002;87(7):772-4 ([www](#)).
30. **Dorak MT**, Lawson T, Machulla HK, Mills KI, Burnett AK. Increased heterozygosity for MHC class II lineages in newborn males. *Genes & Immunity* 2002;3(5):263-9 ([www](#)).
31. Kotb M, Norrby-Teglund A, McGeer A, El-Sherbini H, **Dorak MT**, Khursid A, Green K, Peeples J, Wade J, Thomson G, Schwartz B., Lowe DE. Immunogenetic and molecular basis for differences in outcomes of invasive group A streptococcal infections. *Nature Medicine* 2002;8(12):1398-1404.
32. Machulla HK, Batnasan D, Steinborn F, Uyar FA, Saruhan-Direskeneli G, Oguz SF, Carin M, **Dorak MT**. Genetic affinities among Mongol ethnic groups and their relationship to Turks. *Tissue Antigens* 2003;61(4):292-299.
33. Oguz FS, Kalayoglu S, Diler AS, Tozkir H, Sargin D, Carin M, **Dorak MT**. HLA system affects the age-at-onset in chronic myeloid leukemia. *American Journal of Hematology* 2003;73(4):256-262 ([www](#)).
34. **Dorak MT**, Tang J, Tang S, Penman-Aguilar A, Coutinho RA, Goedert JJ, Detels R, Kaslow RA. Influence of HLA-B22 alleles on the course of HIV-1 infection in three cohorts of Caucasian men. *Journal of Infectious Diseases* 2003;188(6):856-63 ([www](#)).
35. Uyar FA, **Dorak MT**, Saruhan-Direskeneli S. HLA-A, -B and -Cw alleles and HLA haplotypes in Turkey: Relationship to other populations. *Tissue Antigens* 2004;64(2):180-7.
36. Shao W, Tang J, **Dorak MT**, Song W, Lobashevsky E, Cobbs CS, Wrensch MR, Kaslow RA. Molecular typing of human leukocyte antigen and related polymorphisms following whole genome amplification. *Tissue Antigens* 2004;64(3):286-92.
37. Shao W, Lobashevsky ES, Kaslow RA, **Dorak MT**. MICA intron 1 sequences of conserved extended HLA haplotypes: Implications for sequencing-based typing. *Genes & Immunity* 2004;5(5):371-4.
38. **Dorak MT**, Tang J, Penman-Aguilar A, Westfall AO, Zulu IS, Lobashevsky ES, Schaen MM, Kancheya NG, Allen SA, Kaslow RA. Association of HLA-B allele sharing and individual HLA class I markers with transmission of HIV-1C in serodiscordant heterosexual Zambian couples. *Lancet* 2004;363(9427):2137-9.
39. **Dorak MT**, Burnett AK, Worwood M. HFE gene mutations in susceptibility to childhood leukemia: HuGE review. *Genetics in Medicine* 2005;7(3):159-68 ([www](#)).
40. **Dorak MT**, Yee LJ, Tang J, Shao W, Lobashevsky ES, Jacobson LP, Kaslow RA. HLA-B, -DRB1/3/4/5 and -DQB1 gene polymorphisms in human immunodeficiency virus-related Kaposi's sarcoma. *Journal of Medical Virology* 2005;76(3):302-10.
41. **Dorak MT**. *Book Review*: Stem Cell Transplantation for Hematologic Malignancies by RJ Soiffer. *Pediatric Hematology and Oncology* 2005;22(3):263-4.
42. Kaslow RA, **Dorak MT**, Tang J. Influence of host genetic variation on susceptibility to HIV type 1 infection. *Journal of Infectious Diseases* 2005; 191(suppl 1):S68-S77 ([www](#)).
43. Tang J, Shao W, **Dorak MT**, Li Y, Miike R, Lobashevsky E, Wiencke JK, Wrensch M, Kaslow RA, Cobbs CS. Positive and negative associations of human leukocyte antigen (HLA) variants with the onset and prognosis of adult glioblastoma multiforme (GBM). *Cancer Epidemiology, Biomarkers & Prevention* 2005;14(8):2040-4 ([www](#)).
44. Shao W, Lazaryan A, **Dorak MT**, Penman-Aguilar A, Wilson CM, Margolick JB, Goedert JJ, Prins M, Tang J, Kaslow RA. Cohort- and time-specific associations of CTLA4 genotypes with HIV-1 disease progression. *AIDS* 2006;20(12):1583-90.

45. **Dorak MT**, Shao W, Machulla HKG, Lobashevsky ES, Tang J, Park MH, Kaslow RA. Conserved extended haplotypes of the major histocompatibility complex: further characterization. *Genes & Immunity* 2006;7(6):450-67.
46. **Dorak MT**. Commentary: HFE H63D variant and leukemia. *Leukemia & Lymphoma* 2006;47(11):2269-79.
47. Pearce MS, Hammal DM, **Dorak MT**, McNally RJQ, Parker L. Paternal occupational exposure to pesticides and/or herbicides as risk factors for cancer in children and young adults. A case-control study from the North of England. *Archives of Environmental and Occupational Health* 2006;61(3):138-44.
48. **Dorak MT**, Pearce MS, Hammal DM, McNally, RJQ, Parker L. Examination of gender effect in birth weight and miscarriage associations with childhood cancer. *Cancer Causes & Control* 2007;18(2):219-228.
49. **Dorak MT**. Genotyping with PCR: how to choose the right approach? *The Scientist* 2007;21(6):70-72 ([www](#)).
50. **Dorak MT**, McNally RJQ, Parker L. Childhood acute lymphoblastic leukemia and infections (letter). *American Journal of Epidemiology* 2007;166(3):364-5 ([www](#)).
51. Pearce MS, Hammal DM, **Dorak MT**, McNally RJQ, Parker L. Paternal occupational exposure to electro-magnetic fields as risk factors for cancer in children and young adults. A case-control study from the North of England. *Pediatric Blood & Cancer* 2007;49(3):280-6.
52. Magnanti BL, **Dorak MT**, Parker L, Craft AW, James PW, McNally RJ. Sex-specific incidence and temporal trends in solid tumours in young people from Northern England, 1968-2005. *BMC Cancer* 2008;8:89 ([www](#)).
53. Magnanti BL, **Dorak MT**, Parker L, Craft AW, James PW, McNally RJ. Sex-specific incidence and temporal trends in leukaemia and lymphoma in young people from Northern England, 1968-2005. *Haematologica* 2008;93(9):1438-40 ([www](#)).
54. Ucisik-Akkaya E & **Dorak MT**. A study of natural killer cell lectin-like receptor K1 gene (KLRK1 / NKG2D) region polymorphisms in a European population sample. *Tissue Antigens* 2009; 73(2):177-183
55. Magnanti BL, **Dorak MT**, Parker L, Craft AW, James PW, McNally RJ. Geographical analysis of thyroid cancer in young people from Northern England: Evidence for a sustained excess amongst females in Cumbria. *European Journal of Cancer* 2009;45:1624-9.
56. Wang JH, Zheng X, Ke X, **Dorak MT**, Shen J, Boodram B, O'Gorman M, Hershov R, Beaman K, Cotler SJ, Rong L. Ethnic and geographical differences in HLA associations with the outcome of hepatitis C virus infection. *Virology Journal* 2009;6:46 ([www](#))
57. Do TN, Ucisik-Akkaya E, Davis CF, Morrison BA, **Dorak MT**. TP53 R72P, MDM2 SNP309 and DAXX polymorphisms in modification of childhood acute lymphoblastic leukemia susceptibility. *Cancer Genetics Cytogenetics* 2009;195(1):31-6.
58. **Dorak MT**, MacKay RK, Relton CL, Worwood M, Parker L, Hall AG. Hereditary hemochromatosis gene (HFE) variants are associated with birth weight and childhood leukemia risk. *Pediatric Blood Cancer* 2009; 53(7):1242-8
59. Davis CF, **Dorak MT**. An extensive analysis of the hereditary hemochromatosis gene HFE and neighboring histone genes. *Annals of Hematology* 2010;89(4):375-84.
60. Do TN, Ucisik-Akkaya E, Davis CF, Morrison BA, **Dorak MT**. An Intronic polymorphism of interferon regulatory factor-4 influences gene transcription in vitro and increases childhood acute lymphoblastic leukemia risk in males. *BBA Molecular Basis of Disease* 2010;1802(2):292-300.
61. Ucisik-Akkaya E, Davis C, Gorodezky C, Alaez C, **Dorak MT**. HLA complex-linked heat shock protein genes and childhood acute lymphoblastic leukemia susceptibility. *Cell Stress Chaperones* 2010;15(5):475-85 ([www](#)).
62. Ucisik-Akkaya E, Davis C, Do T, Morrison BA, Stemmer SM, Amadio WJ, **Dorak MT**. Examination of genetic polymorphisms in newborns for signatures of sex-specific prenatal selection. *Molecular Human Reproduction* 2010;16(10):770-7 ([www](#)).
63. Morrison BA, Ucisik-Akkaya E, Flores H, Gorodezky C, **Dorak MT**. The HLA-DRA and HLA-C-linked multiple sclerosis risk markers are shared by childhood ALL with sex effect. *Autoimmunity* 2010; 43(8):690-7.
64. Kennedy AE, Singh SK, **Dorak MT**. Re: Genome-wide association study of classical Hodgkin lymphoma and Epstein - Barr virus status-defined subgroups (Scientific Correspondence). *Journal of the National Cancer Institute* 2012;104(11):884-5 ([www](#)).

65. **Dorak MT** & Amadio WJ. A cautionary note on the reporting of genetic association study results (correspondence). *Journal of Human Genetics* 2012; 57(7):465-6.
66. Stemmer SM, Adelson ME, Trama JP, **Dorak MT**, Mordechai E. Detection rates of *Trichomonas vaginalis*, in different age groups, using real-time polymerase chain reaction. *Journal of Lower Genital Tract Disease* 2012;16(4):352-7.
67. **Dorak MT** & Karpuzoglu E. Gender differences in cancer susceptibility: an inadequately addressed issue. *Frontiers in Applied Genetic Epidemiology* 2012;3:268. doi: 10.3389/fgene.2012.00268 ([www](#)).
68. Kennedy AE, Kamdar KY, Lupo PJ, Okcu MF, Scheurer ME, Baum MK, **Dorak MT**. Examination of HFE associations with childhood leukemia risk and extension to other iron regulatory genes. *Leukemia Research* 2014;38(9):1055-60.
69. Kennedy AE, Kamdar KY, Lupo PJ, Okcu MF, Scheurer ME, **Dorak MT**. Genetic markers in a multi-ethnic sample for childhood acute lymphoblastic leukemia risk. *Leuk Lymphoma* 2015;56(1):169-74.
70. Villalba K, Attonito J, Mendy A, Gasana J, Beck-Sague C, Devieux GJ, **Dorak MT**. A Meta-Analysis of the Association between *SLC6A4* Promoter Polymorphism (5-HTTLPR) with Risk of Alcohol Dependence. *Psychiatr Genet* 2015;25(2):47-58.
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87. **Dorak MT**, Shao W, Lobashevsky ES, Tang J, Kaslow RA. The C282Y mutation of HFE is a risk factor for HIV-related Kaposi's sarcoma. Poster presentation at the 29th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. Miami, FL, 2003. Hum Immunol 2003;64 (10, Suppl 1):S145
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112. Magnanti BL, **Dorak MT**, Parker L, McNally RJ. Sex-specific analyses of thyroid cancer incidence in Northern England. Poster presentation at the Children with Leukaemia Scientific Conference, P.08. Institute of Child Health, London, April 29-30, 2008
113. Magnanti BL, **Dorak MT**, Parker L, McNally RJ. Critical review and pooled analysis of sex-specific results in childhood cancer studies. Poster presentation at the National Cancer Research Institute Cancer Conference. . Birmingham, UK, Oct 5-8, 2008 ([www](#))
114. **Dorak MT**, Oguz FS, Ozdilli K, Kekik C, Carin M, Gedikoglu G. HLA-DR ancestral lineages and childhood leukemia susceptibility. Poster presentation at the 33rd Annual Meeting of the American Society for Histocompatibility and Immunogenetics. Minneapolis, MN, Oct 8-12 2007
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116. **Dorak MT**, MacKay R, Relton CL, Worwood M, Parker L, Hall AG. Iron-related Gene Variants Increase Childhood Leukemia Risk and Birth Weight. Poster presentation at the 57th Annual Meeting of the American Society for Human Genetics. San Diego, CA, Oct 23-27, 2007
117. Davis C, **Dorak MT**. An analysis of the extended HLA class I region gene HFE and flanking genes. Oral presentation at the 34th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. Toronto, Canada, Oct 27-31, 2008. *Hum Immunol* 2008;69(Suppl 1):S116
118. Ucisik-Akkaya E, Morrison BA, Davis C, Do T, **Dorak MT**. Update on conserved extended haplotypes and possible identification of the ancestral MHC haplotype. Oral presentation at the 34th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. Toronto, Canada, Oct 27-31, 2008. **Selected as one of the best abstracts submitted for this meeting and awarded an ASHI scholarship**. *Hum Immunol* 2008;69(Suppl 1):S115
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120. Ucisik-Akkaya E, Morrison BA, Gorodezky C, **Dorak MT**. HLA class III region genes HSPA1L/A/B polymorphisms and childhood leukemia risk. Poster presentation at the 34th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. Toronto, Canada, Oct 27-31, 2008. *Hum Immunol* 2008;69(Suppl 1):S93
121. Ucisik-Akkaya E, Morrison BA, Alaez C, **Dorak MT**. Extended HLA class II region genes RXRB and DAXX polymorphisms in childhood leukemia. Poster presentation at the 34th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. Toronto, Canada, Oct 27-31, 2008. *Hum Immunol* 2008;69(Suppl 1):S86
122. Morrison BA, Davis C, Ucisik-Akkaya E, **Dorak MT**. MHC associations in childhood leukemia: identification of heterozygote advantage. Poster presentation at the 34th Annual Meeting of the American Society for

- Histocompatibility and Immunogenetics. Toronto, Canada, Oct 27-31, 2008. Hum Immunol 2008;69(Suppl 1):S96
123. Ucisik-Akkaya E, **Dorak MT**. Polymorphisms of natural killer cell receptor NKG2D and childhood leukemia susceptibility. Poster presentation at the 34th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. Toronto, Canada, Oct 27-31, 2008. Hum Immunol 2008;69(Suppl 1):S90
124. Morrison BA, **Dorak MT**. Two proto-oncogenes located in the HLA class III region (PBX2 and NOTCH4) show associations with childhood leukemia. Poster presentation at the 34th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. Toronto, Canada, Oct 27-31, 2008. Hum Immunol 2008;69(Suppl 1):S84
125. Morrison BA, **Dorak MT**. Complete sequencing of HLA-DQA1 3'UTR and correlations with ancestral lineages. Poster presentation at the 34th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. Toronto, Canada, Oct 27-31, 2008. Hum Immunol 2008;69(Suppl 1):S41
126. Davis C, Do T, **Dorak MT**. Polymorphisms of iron-related genes and childhood leukemia risk. Poster presentation at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA, Nov 11-15, 2008
127. **Dorak MT**, Ucisik-Akkaya E, Davis C, Morrison BA, Do T. Genetic associations in childhood leukemia and interactions with sex. Poster presentation at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA, Nov 11-15, 2008
128. Ucisik-Akkaya E, Davis C, Morrison BA, Do T, **Dorak MT**. Markers for sex-specific prenatal selection. Poster presentation at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA, Nov 11-15, 2008
129. Do T, Ucisik-Akkaya E, Davis C, Morrison BA, **Dorak MT**. TP53 R72P polymorphism and childhood leukemia susceptibility. Poster presentation at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA, Nov 11-15, 2008
130. Ucisik-Akkaya E, Davis CN, Do TN, **Dorak MT**. Immunoregulatory Gene Polymorphisms and Childhood Leukemia Susceptibility. Poster presentation at the 35th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. San Francisco, CA, Nov 2-6, 2009. Hum Immunol 2009;70(Suppl 1):S118
131. Davis CN, Ucisik-Akkaya E, Do TN, **Dorak MT**. Polymorphisms of Iron Regulatory Genes with Immune Functions are Associated with Childhood Leukemia Susceptibility. Poster presentation at the 35th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. San Francisco, CA, Nov 2-6, 2009. Hum Immunol 2009;70(Suppl 1):S118
132. Do TN, Davis CF, Ucisik-Akkaya E, Morrison BA, **Dorak MT**. Molecular Mechanism of a Sex-specific Risk Association of an Interferon Regulatory Factor 4 Polymorphism with Childhood Acute Lymphoblastic Leukemia. Poster presentation at the 35th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. San Francisco, CA, Nov 2-6, 2009. Hum Immunol 2009;70(Suppl 1):S119
133. Torres M, Singh SK, Kennedy AE, **Dorak MT**. Detection of C4A and C4B deletion by quantitative real-time PCR. Florida International University & University of Puerto Rico at Arecibo Summer Research Program Biomedical Mini-Symposium. August 3, 2011, Miami, FL
134. Alvarez K, Singh SK, Kennedy AE, **Dorak MT**. Lymphoid malignancies and HLA complex associations. 2nd Annual Florida International University & TERRA Environmental Research Institute Summer Research Internship Biomedical Mini-Symposium. August 12, 2011, Miami, FL
135. Martinez S, Singh SK, Kennedy AE, **Dorak MT**. Nature of the recently identified HLA region associations with lung cancer. 2nd Annual Florida International University & TERRA Environmental Research Institute Summer Research Internship Biomedical Mini-Symposium. August 12, 2011, Miami, FL
136. Kennedy AE, Singh SK, Samikkannu M, **Dorak MT**. Correlations of complex disease-associated HLA region SNPs with HLA alleles. Poster presentation at the 37th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. New Orleans, LA, Oct 17-20, 2011. Hum Immunol 2011;72(Suppl 1):S133
137. Caobi A, Singh SK, **Dorak MT**. ABO Blood Group Gene Association with Breast Cancer Risk. Poster presentation at the 14th Annual Biomedical & Comparative Immunology Symposium, Florida International University, Miami, FL, March 1-2, 2012
138. Singh SK, Saxena A, Das S, **Dorak MT**. A Critical Assessment of NOTCH4 Polymorphisms. Poster presentation at the 14th Annual Biomedical & Comparative Immunology Symposium, Florida International University, Miami, FL, March 1-2, 2012
139. **Dorak MT**. Genome-wide Association Signals from the HLA Region and Evolutionary Lineages. Oral presentation at the 14th Annual Biomedical & Comparative Immunology Symposium, Florida International University, Miami, FL, March 1-2, 2012
140. Kennedy AE, Singh SK, Scheurer ME, Okcu MF, **Dorak MT**. Association of HLA-linked lymphoma risk markers with childhood lymphoblastic leukemia. Poster presentation at the 38th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. San Juan, PR, Oct 8-12, 2012. Hum Immunol 2012;73(Suppl 1):S141
141. Peyser M, Singh SK, **Dorak MT**. Examination of HLA-B, -DRA and -DQA1 expression levels in B-lymphoblastoid cell lines homozygous for conserved extended haplotypes (CEH). Poster presentation at the 38th

- Annual Meeting of the American Society for Histocompatibility and Immunogenetics. San Juan, PR, Oct 8-12, 2012. Hum Immunol 2012;73(Suppl 1):S141
142. Villalba K, Ruiz T, Saxena A, Das S, **Dorak MT**. HLA region and breast cancer susceptibility: re-analysis of cancer genetic markers of susceptibility (CGEMS) study results. Poster presentation at the 38th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. San Juan, PR, Oct 8-12, 2012. Hum Immunol 2012;73(Suppl 1):S142
 143. Luaces K, Singh SK, Peyser M, **Dorak MT**. MICA and MICB: analysis of disease-associated alleles and gene expression levels. Poster presentation at the 38th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. San Juan, PR, Oct 8-12, 2012. Hum Immunol 2012;73(Suppl 1):S109.
 144. Singh SK, Saxena A, Das S, **Dorak MT**. NOTCH4 polymorphisms, functional assessment and associations with breast cancer susceptibility. Poster presentation at the 38th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. San Juan, PR, Oct 8-12, 2012. Hum Immunol 2012;73(Suppl 1):S140
 145. Guyton D, Caobi A, Singh SK, Peyser M, **Dorak MT**. HLA region and lung cancer susceptibility: confirmation of BAT3/BAG6 association and functional replication. Oral presentation at the 38th Annual Meeting of the American Society for Histocompatibility and Immunogenetics. San Juan, PR, Oct 8-12, 2012. Hum Immunol 2012;73(Suppl 1):S12
 146. Villalba K, Kennedy AE, Singh SK, **Dorak MT**. Investigation of molecular mechanism of diverse disease associations with HLA-DRB4 lineage. Oral presentation at the FIU 15th Annual Biomedical and Comparative Immunology Symposium. Miami, FL, March 6-7, 2013
 147. Martinez SS, **Dorak MT**, Baum MK, Campa A. Overweight/obesity, FTO gene, and HIV disease progression in HIV+ adults in Botswana. Poster presentation at the FIU 15th Annual Biomedical and Comparative Immunology Symposium. Miami, FL, March 6-7, 2013
 148. Singh SK, Kennedy AE, **Dorak MT**. DDX3X gene polymorphisms and genetic susceptibility to childhood leukemia. Poster presentation at the FIU 15th Annual Biomedical and Comparative Immunology Symposium. Miami, FL, March 6-7, 2013
 149. Deoraj A, Gupta H, Peyser M, **Dorak MT**, Sinha A. Oncogenes and their interactions in response to environmental chemical exposures. Poster presentation at the American Public Health Association 141st Annual Meeting. Boston, MA, November 2-6, 2013
 150. Kennedy AE, Singh SK, Villalba K, **Dorak MT**. Analysis of HLA region polymorphisms associated with cancer. Oral presentation at the 39th Annual Meeting of the American Society for Histocompatibility and Immunogenetics Society. Chicago, IL, Nov 17-21, 2013. Hum Immunol 2013;74(Suppl 1):S35 ([www](#))
 151. Singh SK, Ben Taleb Z, Kennedy AE, Villalba K, **Dorak MT**. Further exploration of HLA region associations with lung cancer risk. Poster presentation at the 39th Annual Meeting of the American Society for Histocompatibility and Immunogenetics Society. Chicago, IL, Nov 17-21, 2013. Hum Immunol 2013;74(Suppl 1):S106
 152. **Dorak MT**, Kennedy AE, Okcu MF, McNally RJ. Polymorphisms in iron regulatory genes involved in placental iron transfer, birth weight and childhood leukaemia risk. Poster presentation at the Children with Cancer UK International Workshop on In Utero Exposure and Cancer in Children. June 2-3, 2014, London, U.K.
 153. Singh SK, **Dorak MT**. Alternative Explanations for HLA and Disease Associations. Oral presentation at the 28th European Immunogenetics and Histocompatibility Conference, Stockholm, Sweden, June 25-28, 2014. Tissue Antigens 2014;84(1):9
 154. Oguz FS, Kekik C, Singh SK, Saribeyoglu E, Anak S, Ozturk G, **Dorak MT**. HLA and age-of-onset in childhood acute lymphoblastic leukaemia. Poster presentation at the 28th European Immunogenetics and Histocompatibility Conference, Stockholm, Sweden, June 25-28, 2014. Tissue Antigens 2014;84(1):146
 155. Kennedy AE, DeRycke E, Lai GY, Kamdar KY, Lupo PJ, Okcu MF, Scheurer ME, Baum MK, Seminara D, **Dorak MT**. Transferrin receptor and hereditary hemochromatosis gene variants interact to modify childhood leukemia risk. Poster presentation at the American Society for Human Genetics Annual Conference, San Diego, CA, Oct 18-22, 2014 ([www](#))
 156. Singh SK, Lupo PJ, Scheurer ME, Kennedy AE, Okcu MF, **Dorak MT**. HLA region contributes to the gender differential in childhood leukaemia risk. Poster presentation at the 29th European Immunogenetics and Histocompatibility Conference, Geneva, Switzerland, April 26-29, 2015
 157. Kekik C, Singh SK, Yavuz C, Oguz FS, **Dorak MT**. HLA and childhood acute myeloid leukemia. Poster presentation at the 29th European Immunogenetics and Histocompatibility Conference, Geneva, Switzerland, April 26-29, 2015
 158. Temurhan S, Oguz FS, **Dorak MT**. HLA-DQA1 3'UTR is an unexplored source of disease associations in the HLA complex. Oral presentation at the 29th European Immunogenetics and Histocompatibility Conference, Geneva, Switzerland, April 26-29, 2015
 159. Singh SK, Lupo PJ, Scheurer ME, Saxena A, Kennedy AE, Ibrahimou B, McCauley JL, Okcu MF, **Dorak MT**. Genome-wide association study of childhood acute lymphoblastic leukemia risk with gender-specificity. Poster presentation at the European Society for Human Genetics Conference, Glasgow, 6-9 June, 2015, Glasgow, Scotland, U.K.
 160. Stasik I, Kennedy AE, Singh SK, **Dorak MT**. HLA Region Contains Multiple Lung Cancer Susceptibility Genes. Poster presentation at the European Society for Human Genetics Conference, Glasgow, 6-9 June, 2015, Glasgow, Scotland, U.K.

161. Kennedy AE, Lane C, Seminara D, **Dorak MT**. A Cancer Susceptibility Hotspot in HLA Class I Region. Poster presentation at the European Society for Human Genetics Conference, Glasgow, 6-9 June, 2015, Glasgow, Scotland, U.K.
162. Reeves RM, James PW, Basta NO, McKay J, **Dorak MT**, McNally RJQ . Correlations of incidence rates of Hodgkin lymphoma subtypes in children and young adults with age, sex and deprivation. Poster presentation at the European Cancer Organisation (ECCO) Conference, Vienna, Austria, September 25-29, 2015
163. Kennedy AE, Mustafi S, Singh SK, Konidari I, McCauley JL, Barbieri MA, **Dorak MT**. A catalog of HLA region SNPs with functional annotations, disease associations and correlations with HLA types. Poster presentation at the 41st Annual Meeting of the American Society for Histocompatibility and Immunogenetics Society. Savannah, GA, Sept 28-Oct 2, 2015
164. Kennedy AE, Lane C, **Dorak MT**. A Survey of Cancer Somatic Mutations in the HLA Region. Oral presentation at the 41st Annual Meeting of the American Society for Histocompatibility and Immunogenetics Society. Savannah, GA, Sept 28-Oct 2, 2015
165. Stasik I, Mills KI, **Dorak MT**. Potential Mediation of HLA and Cancer Associations via Non-coding RNAs. Oral presentation at the 41st Annual Meeting of the American Society for Histocompatibility and Immunogenetics Society. Savannah, GA, Sept 28-Oct 2, 2015
166. Stasik I, Mills KI, **Dorak MT**. ERG and XRCC6 expression levels are inversely influenced by trans-eQTLs exclusively located in the HLA region. Poster presentation at the National Cancer Research Institute (NCRI) Conference. Liverpool, UK, November 1-4, 2015
167. Ogret Y, Oguz FS, **Dorak MT**. High-resolution HLA alleles, haplotypes and class I supertypes in a sample of Turkish population. Poster presentation at the 30th European Immunogenetics and Histocompatibility Conference, Kos, Greece, May 10-14, 2016
168. Yavuz C, Oguz FS, **Dorak MT**. Largest copy number variation regions in the extended HLA show correlations with ancestral HLA haplotypes. Oral presentation at the 30th European Immunogenetics and Histocompatibility Conference, Kos, Greece, May 10-14, 2016
169. Singh SK, Huang Y, Caobi A, Barbieri MA, **Dorak MT**. Functional annotations of common disease markers in immune regulatory genes. Oral presentation at the 30th European Immunogenetics and Histocompatibility Conference, Kos, Greece, May 10-14, 2016
170. Singh SK, Chentoufi AA, McCauley JL, **Dorak MT**. Insights into type 1 diabetes and multiple sclerosis pathogenesis from common genetic associations. Oral presentation at the 30th European Immunogenetics and Histocompatibility Conference, Kos, Greece, May 10-14, 2016
171. Auf R, Selim M, Ben Taleb Z, **Dorak MT**, Cano M. Adolescents' body mass index (BMI) and cardiovascular disease risk among adults: Results from 12 years of follow-up among the National Longitudinal Study of Adolescent to Adult Health (Add Health Cohort). Poster presentation at the Epidemiology Congress of the Americas, Miami, Florida, June 21-24, 2016
172. Kennedy AE, Lupo PJ, Scheurer ME, Kanbur E, Okcu MF, **Dorak MT**. Progress in interpretation of childhood ALL risk associations identified in candidate gene studies. Poster presentation at the [Childhood Cancer Conference 2016. London, September 5-7, 2016](#)
173. Singh SK, Lupo PJ, Scheurer ME, Saxena A, Kennedy AE, Kanbur E, Okcu MF, **Dorak MT**. Making sense of genetic associations with childhood leukaemia risk. Oral presentation at the [Childhood Cancer Conference 2016. London, September 5-7, 2016](#)
174. Chentoufia AA, Al Zahrania KA, Muliaa EA, Al Makoshib L, Alshareefb R, Paza MR, **Dorak MT**, Sallouma N, Al Gharbia B, Al Dhahrib S. Association between the frequency of human Leukocyte antigen class I and class II genes in Saudi population and relative risk of developing nasopharyngeal carcinoma. Poster presentation at the 42nd Annual Meeting of the American Society for Histocompatibility and Immunogenetics Society. St Louis, MO, Sept 26-30, 2016. Hum Immunol 2016;77(Suppl 1):124.
175. Ogret Y, Uyar FA, Karatas S, Oguz FS, **Dorak MT**. HLA-A, -B, -C Typing by Next-Generation Sequencing in a Sample of Turkish Population. Poster presentation at the 31st European Immunogenetics and Histocompatibility Conference, Heidelberg/Mannheim, Germany, May 30-June 2, 2017.
176. Ozbek U, Kennedy AE, Singh SK, Barbieri MA, Konidari I, McCauley JL, **Dorak MT**. SNPs Correlating with Functional HLA Region Epitopes and Supertypes Offer Insight into GWAS Associations. Oral presentation at the 31st European Immunogenetics and Histocompatibility Conference, Heidelberg/Mannheim, Germany, May 30-June 2, 2017.
177. Ertan Kanbur, Dogan M, **Dorak MT**. A Systematic Analysis of the Gene and Variation Content of the Extended HLA Region. Oral presentation at the 31st European Immunogenetics and Histocompatibility Conference, Heidelberg/Mannheim, Germany, May 30-June 2, 2017.
178. Ciftci HS, Karadeniz MS, Oguz FS, **Dorak MT**. Examination of the Regulation of CXCL10 Expression, and CXCL10 DNA Sequence Variation and Disease Associations. Oral presentation at the 31st European Immunogenetics and Histocompatibility Conference, Heidelberg/Mannheim, Germany, May 30-June 2, 2017.
179. Singh SK, Kennedy AE, **Dorak MT**. Genetic Evidence for Cancer Immune Surveillance. Oral presentation at the 31st European Immunogenetics and Histocompatibility Conference, Heidelberg/Mannheim, Germany, May 30-June 2, 2017.

180. Özbek U, Singh SK, Kennedy AE, Barbieri MA, Konidari I, McCauley JL, **Dorak MT**. Exploration of very long-range linkage disequilibrium within the extended HLA region. Accepted for poster presentation at the 32nd European Immunogenetics and Histocompatibility Conference, Venice, Italy, May 9-12, 2018.
181. Sürel ÖO, Korkmaz Ö, McCauley JL, **Dorak MT**, Dogan D. Introducing online tools to facilitate HLA-related research. Accepted for poster presentation at the 32nd European Immunogenetics and Histocompatibility Conference, Venice, Italy, May 9-12, 2018.
182. Singh SK, McCauley JL, **Dorak MT**. Expression QTLs with opposing effects on HLA-DR and -DQ genes are associated with autoimmune disorders: Evidence for mixed isotype heterodimer formation? Accepted for oral presentation at the 32nd European Immunogenetics and Histocompatibility Conference, Venice, Italy, May 9-12, 2018.
183. Singh SK, Dapprich J, **Dorak MT**. Functional annotation of the cluster of schizophrenia risk markers in the extended HLA class I region. Accepted for oral presentation at the 32nd European Immunogenetics and Histocompatibility Conference, Venice, Italy, May 9-12, 2018.