CURRICULUM VITAE

TAO WANG, Ph.D.
Associate Professor of Biostatistics
Institute for Health and Society

Office Address: Division of Biostatistics
Medical College of Wisconsin
8701 Watertown Plank Road
Milwaukee, Wisconsin 53226

Citizenship: USA

Education:

08/1979 - 07/1983	B.S., Peking University, Beijing, P.R.China
08/1987 - 07/1990	M.S., Southeast University, Nanjing, P.R.China
08/1990 - 07/1993	Ph.D., Southeast University, Nanjing, P.R.China
09/1997 - 12/2001	Ph.D., North Carolina State University, Raleigh, NC.

Faculty Appointments (Include Secondary Appointments):

08/1993-12/1995	Lecturer, Institute of Systems Engineering, Southeast University, Nanjing, P.R.China
01/1996-05/1997	Assistant Professor, Institute of Systems Engineering, Southeast University, Nanjing, P.R.China
01/2002 – 06/2009	Assistant Professor, Division of Biostatistics, Medical College of Wisconsin, WI
01/2002 - 06/2009	Secondary, Assistant Professor, Department of Physiology, Medical College of Wisconsin, Milwaukee, WI
01/2002 - 06/2009	Adjunct Assistant Professor, Department of Mathematical Sciences, University of Wisconsin - Milwaukee, WI
07/2009 – Present	Associate Professor, Division of Biostatistics, Medical College of Wisconsin, WI
09/2011 - Present	Adjunct Associate Professor, Department of Mathematical Sciences, University of Wisconsin - Milwaukee, WI

Awards and Honors:

1997-1998	Lucas award, Department of Statistics, North Carolina State University, Raleigh, NC.

Memberships in Professional and Honorary Societies:

1998 - 2003 Sigma Xi, the Scientific Research Society
2002 - 2013 American Society of Human Genetics (ASHG)
2001 - Present International Biometric Society (ENAR)
2005 - Present American Statistical Association (ASA)
2007 - Present American Society for Bone and Marrow Transplantation (ASBMT)

Editorial Boards:

06/2011 – present Frontiers in Statistical Genetics and Methodology. Review Editor.

Referee for journals: Genetics, BMC-Genetics, Heredity, Physiological Genomics, Bioinformatics, Theoretical Biology and Medical Modeling, European Journal of Human Genetics, JSTA, PLOS Computational Biology, Lifetime Data Analysis, Int J Hematology.

National Elected/Appointed Leadership and Committee Position:

2004 – 2006 Reviewer, NIH/NCI Grant Review Panel for "Cancer Prevention and Cancer Epidemiology (R03)"
2005 – Present Member, Center for International Blood and Marrow Transplant Research (CIBMTR) – GVHD Working Committee
2005 – Present Member, Center for International Blood and Marrow Transplant Research (CIBMTR) – Immunobiology Working Committee

Research Grants, Contracts, Awards, Projects:

A. Active

Title: Center for International Blood and Marrow Transplant Research (CIBMTR)
Source: NCI/NHLBI/NIAID/ONR (PI: Mary Horowitz)
Role: PhD Biostatistician (5 Cal.)
Dates: 09/2005 - 05/31/2015

Title: Stem Cell Therapeutic Outcomes Database
Source: HRSA (HHSH234200637015C, PI: Mary Horowitz)
Role: Biostatistician (1.48 Cal.)
Dates: 09/27/06-09/30/15
Direct Funds: $2,609,500

Title: NK Cells, their receptors and unrelated donor transplant
Source: NIH (5P01CA11142-03) (PI: Jeffrey Miller, University of Minnesota)
Role: Biostatistician (sub-contract, 1.21 Cal.)
Dates: 09/2005 - 07/31/2015
Direct Funds: $25,268/year

Title: Hematopoietic Stem Cell Transplantation
Source: NIH/NIAID AI069197 (PI: Effie Petersdorf, Fred Hutchinson Cancer Research Center, Seattle, Washington)
Role: Co-Investigator (sub-contract, 1.20 Cal.)
Dates: 09/30/2007 – 02/28/2015
Direct Funds: $13,098/year

Title: Clinical and Translational Research Institute
Source: NIH (8UL1TR000055-04) (PI: Shaker)
Role: Biostatistician (0.52 Cal.)
Dates: 7/1/10-6/30/15
Direct Funds: $274,348

B. Pending

C. Completed

Title: Clinical and Translational Research Award, Supplement
Source: NIH (PI: Effie Petersdorf, Fred Hutchinson Cancer Research Center, Seattle, Washington)
Role: Co-investigator (sub-contract)
Dates: April 1, 2011 - March 31, 2012

Title: Integrative Genomics to Dissect the Genetic Regulation of T1D Onset
Source: NIH RO1 DK 080100-02 (Wang, X./Ghosh S.-Subaward)
Role: Biostatistician (0.60 Cal.)
Dates: 09/21/07-7/31/11

Title: SCOR in Ischemic Heart Disease in Blacks
Source: NIH/NHLBI
Role: Biostatistics Core Director
Dates: July 1, 2003 - June 30, 2005

Title: Genotype/phenotype correlation in new onset pediatric IBD patients (NIH)
Source: NIH
Role: Statistical geneticist
Dates: 01/2004 - 01/2006

Title: SCOR – Hypertension and Renal Diseases in Rats
Source: NIH
Role: Statistical geneticist
Dates: July 1, 2003 - June 30, 2005

Title: Multi-trait association mapping of quantitative trait loci

Source: New Faculty Research grant/Medical College of Wisconsin
Role: PI
Dates: 01/2004 - 12/2004

Invited Lectures/Workshops/Presentations/Site Visits:

National

Wang T and Zeng Z. Modeling of quantitative trait loci in linkage disequilibrium in experimental and natural populations. Department of Mathematics and Statistics, University of Southern California, 02/2001.

Wang T and Zeng Z. Multipoint linkage disequilibrium mapping of quantitative trait loci in natural population. Department of Statistics, University of California – Riverside, 05/2001.

Wang T and Zeng Z. Linkage disequilibrium mapping of quantitative trait loci in natural population. Department of Statistics, University of Florida, 08/2001.

Wang T and Zeng Z. Modeling and linkage disequilibrium mapping of quantitative trait loci in natural population. Yale University, 09/2001.

Wang T. Multipoint linkage disequilibrium mapping of quantitative trait loci in natural populations. Division of Biostatistics, Medical College of Wisconsin, 10/20/2001.

Wang T. National Center for Research Resources (NCRR) Bioinformatics Conference on "Genetic Analysis of Complex Diseases & Human Populations", September 19-21, 2003, Chicago, IL. Participant.

Wang T. NIH/NCI – Cancer Prevention and Cancer Epidemiology Review Panel, Rockville, 2004 – 2006. Grant Reviewer [Twice/year].

Wang T. Bone Marrow Transplantation Tandem Meetings. February 15-20, 2006. Hawaii Convention Center, Honolulu, Hawaii. Invited staff.

Wang T. Bone Marrow Transplantation Tandem Meetings. February 13-17, 2008. San Diego, California. Invited staff.

Petersdorf E and **Wang T**. Hematopoietic cell transplantation. HLA Genetics Consortium Meeting, NIAID, NIH. February 29, 2008. Rockville, MD. Invited participant (Oral presentation).

Wang T. Bone Marrow Transplantation Tandem Meetings. February 11-14, Tampa, Florida. 2009. Invited staff.

Wang T. Bone Marrow Transplantation Tandem Meetings. February 23-27, Orlando, Florida. 2010. Invited participant.

Wang T. Bone Marrow Transplantation Tandem Meetings. February 17-21, 2011. Hawaii Convention Center, Honolulu, Hawaii. Invited staff.

Wang T. Contribution of genetic effects to genetic variance components. Division of Biostatistics, Washington University School of Medicine, St. Louis, MO. 03/18/2011.

Wang T. Bone Marrow Transplantation Tandem Meetings. February 1-5, 2012. San Diego, California. Invited staff.

Wang T. Bone Marrow Transplantation Tandem Meetings. February 12-17, 2013. Salt Lake City, Utah. Invited staff.

Wang T. Statistical analysis of SNPs in URD HSCT (Oral presentation). HLA Region Genomics in Immune-Mediated Diseases Consortium. March 27, 2013. Bethesda, MD.

Wang T. SNP Analysis in Hematopoietic Cell and Cord Blood Transplantation (Oral presentation). Project meeting for U01: AI069197: Hematopoietic Cell and Cord Blood Transplantation. August 13, Fred Hutchinson Cancer Research Center, Seattle, Washington.

Wang T. Association analysis of MHC region SNPs in unrelated donor (URD) hematopoietic stem cell transplantations (HSCT). National Marrow Donor Program, Minneapolis, MN. 09/05/2013. Invited talk.

Wang T. Bone Marrow Transplantation Tandem Meetings. February 26-March 2, 2014. Grapevine, Texas, Invited staff.

Wang T. Bone Marrow Transplantation Tandem Meetings. February 11-15, 2015, San Diego, CA. Invited staff.

Local

Wang T. Linkage mapping of quantitative trait loci. Bioinformatics Research Center, Medical College of Wisconsin. 05/2002. Invited talk.

Wang T. A latent variable approach for association mapping of quantitative trait loci. Division of Biostatistics, Medical College of Wisconsin. 01/17/2006.

Wang T. Modeling of quantitative trait loci and a latent variable approach for association mapping. Human Molecular Genetics Center, Medical College of Wisconsin. 06/15/2006. Invited talk.

Wang T. Haplotype association in genetic case-control Studies. Seminar at Human Molecular Genetics Center, Medical College of Wisconsin. 03/06/2008. Invited talk.

Wang T. A DNA microarray study on renal disease using congenic rats. Human Molecular Genetics Center, Medical College of Wisconsin. 02/19/2009. Invited talk.

KIR project meeting, Univ. Minnesota, Minneapolis. Jan. 21-23, 2009.

Wang T. Logistic regression – what is it, why use it and what can it do? Biostatistics Lecture Series, CTSI – CME Program, Medical College of Wisconsin. 03/06/2009.

KIR haplotype meeting, NMDP at Minneapolis, Minnesota, April 15, 2009.

CIBMTR Process Review Meeting, Dell, Wisconsin, June 12-13, 2009.

Wang T. A generalized linear mixed model (GLMM) for family-based genetic association studies. Lunch Talk, Division of Biostatistics, Medical College of Wisconsin. September 11, 2009.

Wang T. Multivariate tables for CIBMTR projects. NMDP at Minneapolis, Minnesota, September 18, 2009.

Wang T. On modeling of quantitative trait loci - genetic effects and their variation contributions. Human Molecular Genetics Center, Medical College of Wisconsin. 01/07/2010. Invited talk.

Wang T. Nonparametric tests. Biostatistics Lecture Series, CTSI – CME Program, Medical College of Wisconsin. 02/10/2010.

Wang T. Coding of genotypes and interpretation of model parameters in genetic models. Section of Quantitative Health Sciences, Department of Pediatrics, Medical College of Wisconsin. 06/08/2010. Invited talk.

Wang T. Uses and Abuses of Non-parametric Statistics in Medical Research. Biostatistics Lecture Series, CTSI – CME Program, Medical College of Wisconsin. 04/06/2011.

An R Workshop – Beginning, Intermediate and Advanced Concepts. Milwaukee Chapter of the American Statistical Association (WASA), Medical College of Wisconsin, Milwaukee, WI, September, 2011.

Logan B and **Wang T.** Cox proportional hazards model. MS statistician training, CIBMTR. 11/18/2011.

Wang T. On coding genotypes and interpretation of model parameters in genetic association study of quantitative traits. Human Molecular Genetics Center, Medical College of Wisconsin. 01/19/2012. Invited talk.

Wang T. Discrete Data Analysis. Biostatistics Lecture Series, CTSI – CME Program, Medical College of Wisconsin. 04/20/2012.

R Programming Workshop. Milwaukee Chapter of the American Statistical Association (ASA), Medical College of Wisconsin, Milwaukee, WI, June , 2012.

Wang T. On coding genotypes in statistical modeling of quantitative traits. Department of Mathematical Sciences, University of Wisconsin - Milwaukee. 10/17/2012. Invited talk.

CTSI conference – Genomics and Personalized Medicine: Analysis and clinical implementation. Marquette University, Milwaukee, WI, 12/17/2012.

R Workshop – Bioconductor & Seamless R/C++ Integration. Milwaukee Chapter of the American Statistical Association (ASA), Medical College of Wisconsin, Milwaukee, WI, May 10-11, 2013.

Wang T. Association analysis of MHC region SNPs in unrelated donor (URD) hematopoietic stem cell transplantations (HSCT). Human Molecular Genetics Center, Medical College of Wisconsin. 06/06/2013. Invited talk.

Wang T. Comparison of statistics in association tests of genetic markers for survival outcomes. Division of Biostatistics, Medical College of Wisconsin. 09/24/2013.

Wang T. A re-parameterization on random genetic effects in fitting generalized linear mixed models to family data. Lunch Talk, Division of Biostatistics, Medical College of Wisconsin. 11/14/2014.

Peer Reviewed Workshops/Presentations

International

Wang T and Jacob H and Zeng ZB. Genetic association in case-control studies – a latent variable method (Oral presentation). *XXIIIrd International Biometric Conference*. July16-21, 2006. Montreal, Quebec, Canada.

Wang T. Comparison of statistics in association tests of genetic markers for survival outcomes (Poster). International Conference on Survival Analysis in Memory of John P. Klein. June 26 - June 27, 2014. Medical College of Wisconsin

National

Wang T and Zeng Z. Multipoint likelihood approach to infer quantitative trait loci in natural population. *Gordon Conference on Quantitative Genetics and Genomics* (Poster, awarded for travel), February 2001, Ventura, CA.

Wang T and Jacob H. Linkage disequilibrium mapping using genotype data from unrelated individuals (Poster). *American Society of Human Genetics 52nd Annual Meeting*, Oct.15-19, 2002, Baltimore, MD.

Wang T and Jacob H. Multipoint association mapping using genotype data (Poster). *American Society of Human Genetics 53rd Annual Meeting*, Nov.4-8, 2003, Los Angeles, CA.

Wang T, Jacob H and Zeng ZB. Association mapping of disease genes – a latent variable approach (Poster). *American Society of Human Genetics 55nd Annual Meeting*, Oct.25-29, 2005, Salt Lake City, UT.

Wang T, Jacob H, Ghosh S, Wang XJ and Zeng ZB. Haplotype-based association in case-control studies – a latent variable approach (Oral presentation). *The International Biometric Society – ENAR Spring Meetings*, March 16-19, 2008, Crystal City, Arlington, Virginia.

Wang T, He P, Ahn KW, Wang X, Ghosh S, Laud P. Fitting generalized linear mixed models to family data in genetic association studies (Oral presentation). *The International Biometric Society – ENAR Spring Meetings*, March 16-19, 2014, Baltimore, Maryland.

Medical College of Wisconsin Committees:

07/2002 – 07/2003	Computer committees, Division of Biostatistics
07/2003 – 07/2004	Seminar committees, Division of Biostatistics
07/2004 – 07/2005	Library committees, Division of Biostatistics
07/2003 – 06/2005	**Member, Graduate Studies Council (GSC)**
07/2005 – 07/2007	Library and seminar committees, Division of Biostatistics
07/2006 – 07/2007	Epidemiology Data Service Center
07/2007 – 07/2008	Library and social committees, Division of Biostatistics
December 2008	Member, Scientific Peer Review Panel, MCW's Advancing a Healthier Wisconsin Program.
05/2006 – 07/2009	Member, CTSA Biostatistics and Design
07/2008 – 07/1010	Member, Continuing education committee, Division of Biostatistics
08/2008 – 07/2010	Chair, Education committee, Department of Population Health
07/2009 – 07/2011	Chair, Computer committees, Division of Biostatistics
07/2008 – 07/2011	Recruitment Director in Biostatistics, Graduate School
07/2008 – 07/2011	**Member, Graduate Studies Council (GSC)**
07/2008 – 07/2014	Graduate Committee, Division of Biostatistics

07/2009 – 07/2014	Computer Committee, Division of Biostatistics
07/2013 – 07/2015	Library Committee, Division of Biostatistics
07/2012 – 07/2015	**GSC Curriculum and Programs Committee, MCW**
07/2015 – 07/2016	Chair, Datum Committee, Division of Biostatistics

Medical College of Wisconsin Teaching Activities:

PhD graduate courses in Biostatistics:

09/2002-12/2002	Statistical Genetics
01/2003-05/2003	Advanced Statistical Computing (jointly with Dr. Klein)
01/2004-05/2004	Linear Model I
01/2005-05/2005	Statistical Genetics
01/2006-05/2006	Linear Model I
09/2006-12/2006	Statistical Genetics
01/2007-05/2007	Biostatistics II (jointly with Drs. Hoffmann, Tarima and Zhang)
09/2007-12/2007	Biostatistics I (jointly with Drs. Hoffmann, Zhang, Logan and Laud)
01/2008-05/2008	Statistical Models and Methods II
01/2009-05/2009	Statistical Genetics
01/2010-05/2010	Advanced Statistical Computing* **(it was evaluated as one of the outstanding courses in the semester)**
01/2011-05/2011	Statistical Genetics
08/2011-12/2011	Statistical Models and Methods III
01/2013-05/2013	Statistical Genetics
01/2014-05/2014	Advanced Statistical Computing
01/2015-05/2015	Statistical Genetics

MCW Students, Faculty, Residents or Fellows Mentored:

Mentor of Faculty:

Kwang Woo Ahn, Assistant Professor, Division of Biostatistics

Mentor of Ph.D. Student:

Franco Mendolia, PhD in Biostatistics, **"**Pseudo-Observation Regression in the Presence of Left Truncation**".** Division of Biostatistics, Medical College of Wisconsin, September 2010 – July 2013.

Member of Ph.D. Thesis Committee:

Leiyan Lu, PhD in Biostatistics, "Explained variation in survival analysis and hypothesis testing for current Leukemia-free survival". Division of Biostatistics, Medical College of Wisconsin, September 2003 – November 2005.

Nickolas Pajewski, PhD in Biostatistics, "Bayesian semi-parametric hierarchical models for genetic association studies in the presence of population structure and multiplicity". Division of Biostatistics, Medical College of Wisconsin, September 2006 – July 2008.

Shuyuan Mo, PhD in Biostatistics, "Inference in the presence of crossing survival curves". Division of Biostatistics, Medical College of Wisconsin, September 2009 – August 2011.

Peng He, PhD in Biostatistics, "Bias reduction by using covariate-adjusted censoring weights for survival and competing risks data". Division of Biostatistics, Medical College of Wisconsin, 09/2012 – 01/2014.

Yanzhi Wang, PhD in Biostatistics, "Generalized linear mixed models for correlated time to event data using pseudo-values". Division of Biostatistics, Medical College of Wisconsin 09/2011 – 05/2014.

Advisory Committee of Master Graduates:

Xiao Dong, MS in computing, Marquette University, 2004.
AlainTalla Soucop, M.S. in Biostatistics, 2006.
Victoria Rajamanickam, M.S. in Biostatistics, 2006.
Jamie Watts, M.S. in Biostatistics, 05/2009-05/2011.

Thesis committee in Clinical and Translational Science (CTS) Mater Program

Josiah Halm, M.D. in Epidemiology, MCW, 2003.
Daniel A. Yacono, M.D. in Epidemiology, MCW, 2003.
Kathleen Hanson-Morris, M.D. in Epidemiology, MCW, 2004.
Laure Demattia, M.S. in Epidemiology, MCW, 2006.
Melissa Warden, M.S. in Epidemiology, 2006.
Serena Hung, M.S. in Epidemiology, 2007.
Ryan Casper, M.S. in Epidemiology, 2007.
Depak Sharma, M.S. in Epidemiology, MCW, 2007.
Michelle Brenner, MCW, September, 2014.
Michelle Pickett, MCW, September, 2015.
Adam Benjamin, MCW, September, 2015.

Consultant to Clinical Research Scholars (CRS)

Amy Delaney, Department of Otolaryngology and Communication Disorders, MCW.
Carmen Bergom, Department of Radiation Oncology, MCW.

Susanne Cabrera, Department of Pediatrics, MCW.

BIBLIOGRAPHY

Peer Reviewed Journal Publications/Original Papers

1. **Wang T**, Sheng ZH, Cao X. Harris ergodicity of non-linear time series models (in Chinese). *Journal of Southeast University,* 21(1): 121-125. 1991.
2. Sheng ZH, **Wang T**, Liu DL. A sufficient condition for non-ergodicity of a class of non-linear time series models (in Chinese). *Mathematica Applicata,* 7(3): 280-286. 1994.
3. **Wang T**, Sheng ZH. Non-existence of stationary distributions for a class of time-invariant non-linear stochastic difference equations (in Chinese). *Journal of Southeast University,* 24(1): 83-89. 1994.
4. **Wang T**, Sheng ZH. Asymptotic stationarity for a class of time-invariant non-linear stochastic difference equations (in Chinese). *Journal of Southeast University,* 24(2): 71-77. 1994.
5. **Wang T**, Sheng ZH. Stability of discrete-time stochastic systems (in Chinese). *Journal of Systems Engineering,* 9(2): 43-52. 1994.
6. **Wang T**, Sheng ZH. Stability of a class of large-scale discrete-time stochastic systems. *Journal of Southeast University* (English Edition), 11(1): 101-108. 1995.
7. **Wang T**, Sheng ZH. Asymptotic stationarity of discrete-time stochastic neural networks. *Neural Networks,* 9(6): 957-963. 1996.
8. Bilusic M, Bataillard A, Tschannen M, Gao L, Barreto N, Vincent M, **Wang T**, Jacob HJ, Sassard J, Kwitek AE. Hypertension and related phenotypes cluster on chromosome 2, 13 and 17 in the Lyon Hypertensive (LH) rat. *Hypertension,* 44: 695-701. 2004. PMID:15452030
9. Zeng ZB, **Wang T**, Zou W. Modeling quantitative trait loci and interpretation of models. *Genetics,* 169:1711-1725, 2005. PMID: 15654105. PMC1449562.
10. Kugathasan S, Loizides A, Babusukumar U, McGuire E, **Wang T**, Hooper P, Nebel J, Kofman G, Noel R, Broeckel U, Tolia V. Comparative phenotypic and CARD15 mutational analysis among African American, Hispanic, and White children with Crohn's disease. *Inflammatory Bowel Diseases,* 11(7): 631-638, 2005. PMID: 15973116.
11. **Wang T**, Zeng ZB. Models and partition of variance for quantitative trait loci with epistasis and linkage disequilibrium. *BMC Genetics,* 7: Article 9, 2006. PMID:16472377. PMC1456990.

12. Babusukumar U, **Wang T**, McGuire E, Miranda A, Broeckel U, Kugathasan S. Contribution of OCTN variants within the IBD5 locus in pediatric onset Crohn's disease. *American Journal of Gastroenterology,* 101(6): 1354-1361. 2006. PMID:16771961

13. **Wang T**, Weir BS, Zeng ZB. A population-based latent variable approach for association mapping of quantitative trait loci. *Annals of Human Genetics,* 70(4): 506-523, 2006. PMID: 16759182

14. Koukouritaki SB, Poch MT, Henderson MC, Siddens LK, Krueger SK, VanDyke JE, Williams DE, Pajewski NM, **Wang T**, Hines RN. Identification and functional analysis of common human flavin-containing monooxygenase 3 (*FMO3)* genetic variants. *The Journal of Pharmacology and Experimental Therapeutics,* 320(1): 266-273. 2007.

15. Biank V, Friedrichs F, Babusukumar U, **Wang T**, Stoll M, Broeckel U, Kugathasan S. DLG5 R30Q Variant is a female-specific protective factor in pediatric onset Crohn's disease. *American Journal of Gastroenterology,* 102(2): 391-398. 2007.

16. Glisic-Milosavljevic S, **Wang T**, Koppen M, Kramer J, Ehlenbach S, Waukau J, Jailwala P, Jana S, Alemzadeh R, Ghosh S. Dynamic changes in CD4+CD25+^{high} T cell apoptosis after the diagnosis of type 1 diabetes. *Clinical and Experimental Immunology,* 150 (1): 75-82, 2007. PMID: 17711492

17. Moreno C, Kaldunski ML, **Wang T**, Roman RJ, Greene AS, Lazar J, Jacob HJ, Cowley AW. Multiple blood pressure loci on rat chromosome 13 attenuate the development of hypertension in the Dahl S hypertensive rat. *Physiological Genomics,* 31(2): 228-235. 2007. PMID:17566075

18. Duquesnoy R, Spellman S, Haagenson M, **Wang T**, Horowitz MM, Oudshoorn M. HLAmatchmaker-defined triplet matching is not associated with better survival rates of patients with class I HLA allele mismatched hematopoietic cell transplants from unrelated donors. *Biology of Blood and Marrow Transplantation,* 14(9): 1064-1071, 2008.

19. Adamovic T, McAllister D, Rowe J, **Wang T**, Jacob HJ, Sugg SL. Genetic mapping of mammary tumor traits to rat chromosome 10 using a novel panel of consomic rats. *Cancer Genetics and Cytogenetics,* 186(1): 41-48, 2008.

20. Lee SJ, Kukreja M, **Wang T**, Giralt SA, Szer J, Arora M, Woolfrey AE, Cervantes F, Champlin RE, Gale RP, Halter J, Keating A, Marks DI, McCarthy PL, Olavarria E, Stadtmauer EA, Abecasis M, Gupta V, Khoury HJ, George B, Hale GA, Liesveld JL, Rizzieri DA, Antin JH. Bolwell BJ, Carabasi MH, Copelan E, Ilhan O, Litzow MR, Schouten HC, Zander AR, Horowitz MM, Maziarz RT. Impact of prior imatinib mesylate on the outcome of hematopoietic cell transplantation for chronic myeloid leukemia. *Blood,* 112(8): 3500-3507, 2008. PMID:18664621

21. **Wang T**, Jacob H, Ghosh S, Wang XJ, Zeng ZB. A joint association test for multiple SNPs in genetic case-control studies. *Genetic Epidemiology,* 33(2): 151-163, 2009. PMID: 18770519. PMC2719721.

22. Davies SM, Wang D, **Wang T**, Arora M, Ringden O, Anasetti C, Pavletic S, Casper J, MacMillan ML, Sanders J, Wall D and Kernan NA. Recent Decrease in Acute GVHD in Children with Leukemia Receiving Unrelated Donor Bone Marrow Transplants. *Biology of Blood and Marrow Transplantation*, 15(3): 360-366, 2009. PMID: 19203727

23. Ringden O, Pavletic S, Anasetti C, Barrett JA, **Wang T**, Wang D, Antin JH, Bartolomeo PD, Bolwell BJ, Bredeson C, Cairo MS, Gale RP, Gupta V, Hahn T, Hale GA, Halter J, Jagasia M, Litzow MR, Locatelli F, Marks DI, McCarthy PL, Cowan MJ, Petersdorf EW, Russell JA, Schiller GJ, Schouten H, Spellman S, Verdonck LF, Wingard JR, Horowitz MM, and Arora M. The graft-versus-leukemia effect using matched unrelated donors is not superior to HLA-identical siblings for hematopoietic stem cell transplantation. *Blood,* 113(13): 3110-3118, 2009. PMID: 19059878.

24. Glisic S, Klinker M, Waukau J, Jailwala P, Jana S, Basken J, **Wang T**, Alemzadeh R, Ghosh S. Genetic association of HLA DQB1 with CD4+CD25+^{high} T-cell apoptosis in Type 1 Diabetes. *Genes and Immunology*, 10(4): 334-340, 2009. PMID: 19295543

25. Spellman S, Warden MB, Haagenson M, Pietz BC, Goulmy E, Warren E, **Wang T**, Ellis TM. Effects of mismatching for minor histocompatibility antigens on clinical outcomes in HLA-matched, unrelated hematopoietic stem cell transplants. *Biology of Blood and Marrow Transplantation*, 15(7): 856-863, 2009.

26. Baxter-Lowe LA, Maiers M, Spellman S, Haagenson M, **Wang T**, Fernandez-Vina M, Marsh S, Horowitz M, Hurley CK, HLA-A disparities illustrate challenges for ranking the impact of HLA mismatches on Bone Marrow transplant outcomes in the United States. *Biology of Blood and Marrow Transplantation*, 15(8): 971-981, 2009.

27. **Wang T**, Zeng ZB. Contribution of genetic effects to genetic variance components with epistasis and linkage disequilibrium. *BMC Genetics,* 10: Article 52, 2009. PMID: 19732450

28. Anderson EJ, Grzywacz B, Wang H, **Wang T**, Haagenson M, Spellman S, Blazar BR, Miller JS, Verneris MR. Limited role of MHC class I chain-related gene A (MICA) typing in assessing GVHD risk after fully HLA-matched unrelated donor transplantation. *Blood*, 114: 4753-4754, 2009.

29. Klinker MW, Schiller JJ, Magnuson VL, **Wang T**, Basken J, Veth K, Pearce KI, Kinnunen L, Harjutsalo V, Wang XJ, Tuomilehto J, Sarti C, Ghosh S. Single-nucleotide polymorphisms in the IL2RA gene are associated with age-at-diagnosis in late-onset Finnish type 1 diabetes subjects. *Immunogenetics*, 62(2): 101-7, 2010. PMID: 20033399

30. McDermott DH, Conway SE, **Wang T**, Ricklefs SM, Agovi M, Porcella SF, Tran HTB, Milford E, Spellman S and Abdi R. Donor and recipient chemokine receptor CCR5 genotype is associated with survival after bone marrow transplantation. *Blood*, 115(11) :2311-2318: 2010. PMID: 20068218

31. Nguyen YP, Al-Lehibi A, Gorbe E, Li E, Haagenson M, **Wang T**, Spellman S, Lee SJ, and Davidson NO. Insufficient Evidence for Association of NOD2/CARD15 or Other Inflammatory Bowel Disease-Associated Markers on GVHD Incidence or Other Adverse Outcomes in T-Replete, Unrelated Donor Transplantation, *Blood*, 115(17): 3625-31, 2010. PMID:20177049. PMC2867270.

32. Marks DI, **Wang T**, Perez WS, Antin JH, Copelan EA, Gale RP, George B, Gupta V, Halter J, Khoury HJ, Klumpp TR, Lazarus HM, Lewis VA, McCarthy PL, Rizzieri DA, Sabloff M, Szer J, Tallman MS, and Weisdorf DJ. The outcome of full intensity versus reduced intensity conditioning matched sibling or unrelated donor transplantation in adults with Philadelphia chromosome negative acute lymphoblastic leukemia in first and second complete remission, *Blood*, 116(3): 366-74, 2010. PMID: 20404137. PMC2913452.

33. Cooley S, Weisdorf DJ, Guethlein LA, Klein JP, **Wang T**, Le CT, Marsh SGE, Geraghty DE, Spellman S, Haagenson MD, Ladner M, Trachtenberg EA, Parham P, and Miller JS. Donor selection for natural killer cell receptor genes leads to superior survival after unrelated transplantation for acute myelogenous leukemia, *Blood*, 116(14): 2411-2419, 2010. PMID: 20581313. PMC2953880

34. Adamovic T, McAllister D, **Wang T**, Adamovic D, Rowe JJ, Moreno C, Lazar J, Jacob HJ, Sugg SL. Identification of novel carcinogen-mediated mammary tumor susceptibility loci in the rat using the chromosome substitution technique. *Genes, Chromosomes and Cancer*, 49(11): 1035-45, 2010. PMID: 20737482. PMC2943010.

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