

Curriculum Vitae

Thomas Illig Professor, Dr. med. rer. nat.
d.o.b. February 13th, 1965, in Neunburg v. Wald, Germany

University Education

2010 Professor at Ludwig Maximilians-University Munich.
2006 Postdoctoral lecture qualification (“Habilitation”) and conferral of associate professorship (“Priv.-Doz.”) at the Ludwig-Maximilians-University Munich, “Concepts of genomic association studies to decipher complex diseases”.
1995 Doctor in biology by thesis “O-Glycosilation in *Saccharomyces cerevisiae*”, Department of Cell Biology, University of Regensburg
1986-1991 Study of biology, University of Regensburg

Scientific Career

Since 2012 Director of the Hannover Unified Biobank (HUB), Hannover Medical School
2016-2021 Head of Research of the Department of Human Genetics, MHH.
2015 Chief Scientific Officer (CSO) of the MHH Research Core Unit Genomics
2012 Professor at Hannover Medical School
2011 Head of Research Unit of Molecular Epidemiology, Helmholtz Zentrum Munich, German Research Center for Environmental Health, Neuherberg
2010 Professor at Ludwig Maximilians-University Munich
2001-2010 Group leader of working group “Epidemiology-Biobanking-Genomics” in the Institute of Epidemiology Helmholtz Zentrum Munich, German Research Center for Environmental Health, Neuherberg, Germany
1995 Doctor in biology by thesis “O-Glycosilation in *Saccharomyces cerevisiae*”, Department of Cell Biology, University of Regensburg

2018 – 2022 Member of Scientific Advisory Board, University of Regensburg, Biobank
2017 – 2022 Member of Scientific Advisory Board, University of Dresden, Biobank
2016 – 2022 Member of Scientific Advisory Board, University of Freiburg, Biobank
2014 – 2022 Member of Scientific Advisory Board, University of Bonn, Biobank

Awards and Honors

2014-2016 Honored by Thomson Reuters as one of the world’s most cited scientists in the field of molecular biology and genetics
2005+2010 “Paula and Richard von Hertwig” Price, Germany
2006 Herbert-Herxheimer-Price of the German Society of Allergology and Immunology (DGAKI), Germany

Citation Record

Total citations: 168,999; h-index:149; i10-index 508 (Google Scholar July 26th, 2022)

Top-10 selected Publications

Degenhardt F, Ellinghaus D, Juzenas S, [...], **Illig T**, [...], Franke A. Detailed stratified GWAS analysis for severe COVID-19 in four European populations. *Hum Mol Genet*. 2022 Jul 15;ddac158. doi: 10.1093/hmg/ddac158. Epub ahead of print. PMID: 35848942.

Ricke-Hoch M, Stelling E, Lasswitz L, [...], **Illig T**, [...], Hilfiker-Kleiner D. Impaired immune response mediated by prostaglandin E2 promotes severe COVID-19 disease. *PLoS One*. 2021 Aug 4;16(8):e0255335. doi: 10.1371/journal.pone.0255335. PMID: 34347801; PMCID: PMC8336874.

Schieck M, Schouten JP, Michel S, [...], **Illig T**, [...], Kabesch M. Doublesex and mab-3 related transcription factor 1 (DMRT1) is a sex-specific genetic determinant of childhood-onset asthma and is expressed in testis and macrophages. *J Allergy Clin Immunol*. 2016 Aug;138(2):421-31. doi: 10.1016/j.jaci.2015.12.1305. Epub 2016 Feb 20. PMID: 26906082.

Hector A, Kormann M, Kammermeier J, [...], **Illig T**, [...], Hartl D. Expression and regulation of interferon-related development regulator-1 in cystic fibrosis neutrophils. *Am J Respir Cell Mol Biol*. 2013 Jan;48(1):71-7. doi: 10.1165/rcmb.2012-0061OC. Epub 2012 Oct 4. PMID: 23043087.

Truong T, Hung RJ, Amos CI, [...], **Illig T**, [...], Spitz MR. Replication of lung cancer susceptibility loci at chromosomes 15q25, 5p15, and 6p21: a pooled analysis from the International Lung Cancer Consortium. *J Natl Cancer Inst*. 2010 Jul 7;102(13):959-71. doi: 10.1093/jnci/djq178. Epub 2010 Jun 14. PMID: 20548021; PMCID: PMC2897877.

Truong T, Sauter W, McKay JD, [...], **Illig T**, [...], Hung RJ. International Lung Cancer Consortium: coordinated association study of 10 potential lung cancer susceptibility variants. *Carcinogenesis*. 2010 Apr;31(4):625-33. doi: 10.1093/carcin/bgq001. Epub 2010 Jan 27. PMID: 20106900; PMCID: PMC2847090.

Timofeeva M, Kropp S, Sauter W, [...], **Illig T**, [...], Wichmann HE. Genetic polymorphisms of MPO, GSTT1, GSTM1, GSTP1, EPHX1 and NQO1 as risk factors of early-onset lung cancer. *Int J Cancer*. 2010 Oct 1;127(7):1547-61. doi: 10.1002/ijc.25175. PMID: 20091863.

Mittelstrass K, Sauter W, Rosenberger A, **Illig T**, [...], Risch A. Early onset lung cancer, cigarette smoking and the SNP309 of the murine double minute-2 (MDM2) gene. *BMC Cancer*. 2008 Apr 23;8:113. doi: 10.1186/1471-2407-8-113. PMID: 18433484; PMCID: PMC2377274.

Sauter W, Rosenberger A, Beckmann L, [...], **Illig T**, [...], Risch A. Matrix metalloproteinase 1 (MMP1) is associated with early-onset lung cancer. *Cancer Epidemiol Biomarkers Prev*. 2008 May;17(5):1127-35. doi: 10.1158/1055-9965.EPI-07-2840. PMID: 18483334.

Wang-Sattler R, Yu Y, Mittelstrass K, [...], **Illig T**. Metabolic profiling reveals distinct variations linked to nicotine consumption in humans--first results from the KORA study. *PLoS One*. 2008;3(12):e3863. doi: 10.1371/journal.pone.0003863. Epub 2008 Dec 5. PMID: 19057651; PMCID: PMC2588343.