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SCIENTIFIC VITA

- 1973 MD, University of Helsinki
- 1973 PhD, Medical Chemistry, University of Helsinki
- 1975 Docent in Medical Chemistry, University of Helsinki
- 1976-1978 Postdoctoral fellow, Johns Hopkins University, USA
- 1978-1987 Scientist, Institute of Occupational Health, Helsinki, Finland
- 1984-1985 Visiting scientist at Frederick Cancer Research Facility, USA
- 1987 Visiting scientist at Massachusetts Institute of Technology, USA
- 1999 Visiting scientist at Institute of Public Health, University of Cambridge, UK
- 1987-1992 Research Professor, Institute of Occupational Health, Helsinki, Finland
- 1989-2005 Professor in epidemiology with a special reference to chemical health risks (molecular epidemiology) at Department of Biosciences, Karolinska Institute, Huddinge, Sweden
- 1993-1995 Temporary Chief Physician, Institute of Occupational Health, Helsinki, Finland
- since 2002 Professor of molecular genetic epidemiology, German Cancer Research Center (DKFZ) and the University of Heidelberg, Germany; Chairman of research area C, Cancer Risk Factors and Prevention, DKFZ
- since 2005 Foreign Adjunct Professor of molecular genetic epidemiology, Karolinska Institute, Sweden

BOARD MEMBERSHIPS

On expert panels on toxicology and reproductive hazards and on carcinogens, Chemical Inspectorate, Sweden since 1999, and Scientific Council, IARC 1999-2003. Editorial boards of 6 scientific journals

FIELDS OF INTEREST

Cancer risk factors and prevention, molecular genetic epidemiology

SELECTED PUBLICATIONS (SINCE 2000)

Hemminki K, Ji J, Försti A. Risks for familial and contralateral breast cancer interact multiplicatively and cause a high risk (2007). **Cancer Res** 67, 868-870

Hemminki K, Lorenzo Bermejo J, Försti A. Balance between heritable and environmental aetiology of human disease (2006). **Nature Reviews Genetics** 7, 958-965

Landgren O, Engels E, Pfeiffer R, Gridley G, Mellemkjaer L, Olsen J, Kerstann K, Wheeler W, Hemminki K, Linet M, Goldin L. Personal and familial autoimmunity and susceptibility to Hodgkin lymphoma: a population-based case-control study in Scandinavia (2006). **J Natl Cancer Inst** 98, 1321-1230

Wirtenberger M, Hemminki K, Burwinkel B. Identification of frequent chromosome copy number polymorphisms using high-resolution SNP arrays (2006). **Am J Hum Genet** 78, 520-522

Landgren O, Engels EA, Caporaso NE, Gridley G, Mellemkjaer L, Hemminki K, Linet MS, Goldin LR. (2006). Patterns of autoimmunity and subsequent chronic lymphocytic leukemia in Nordic countries. **Blood** 2006;108:292-6.

Lorenzo Bermejo J, Hemminki K (2005). Familial risk of cancer shortly after diagnosis of the first familial tumor. **J Natl Cancer Inst** 97, 1575-1579

Lorenzo Bermejo L, Eng C, Hemminki K (2005). Cancer characteristics in Swedish families fulfilling criteria for hereditary non-polyposis colorectal cancer. **Gastroenterology** 129, 1889-1899

Altieri A, Lorenzo Bermejo J, Hemminki K (2005). Familial risk of non-Hodgkin lymphoma and other lymphoproliferative malignancies by histopathologic type from the Swedish-Family Cancer Database. **Blood** 106, 668-672

Hemminki K, Granström C (2002). Risk for familial breast cancer increases with age. **Nat Genet** 32, 233

Lichtenstein P, Holm N, Verkasalo PK, Illiada A, Kaprio J, Koskenvuo M, Pukkala E, Skytthe A, Hemminki K (2000). Environmental and heritable factors in the causation of cancer. Analysis of cohorts of twins from Sweden, Denmark, and Finland. **N Engl J Med** 343, 78-85