

Dr. Michael Hauptmann



Michael Hauptmann received a Ph.D. in Statistics from the University of Dortmund, Germany, in 1999. In the same year, he joined the Biostatistics Branch of the Division of Cancer Epidemiology and Genetics of the U.S. National Cancer Institute in Bethesda, Maryland, as a postdoctoral fellow, and became a tenure-track investigator in 2004. Since 2006, Dr. Hauptmann is a senior statistician and Head of the Biostatistics group in the Department of Epidemiology and Biostatistics at the Netherlands Cancer Institute in Amsterdam, The Netherlands.

Dr. Hauptmann's experience in radiation epidemiology spans low to high doses from occupational and medical sources. For many years he has been chief statistician for the US Radiologic Technologists Study, which evaluated occupational exposures to diagnostic radiation, including cancer and non-cancer outcomes as well as gene-radiation interactions and biomarkers for dose assessment such as chromosomal translocations and DNA damage. He is currently involved in several studies of medical radiation exposure, including an international consortium on gastrointestinal tumors among cancer survivors as well as a European consortium on radiation exposure from pediatric computed tomography scans and cancer risk, for which he is conducting a large cohort study in the Netherlands as well as leading the statistical analysis of the pooled data.

Besides radiation research, Dr. Hauptmann concentrates on methodological and statistical research and is closely involved with several international epidemiological studies on cancer etiology, in particular occupational chemical exposures such as formaldehyde. In addition, he provides statistical expertise to investigators in the Netherlands Cancer Institute in various areas of biomedical cancer research.

Dr. Hauptmann is Statistical Editor of the "Journal of the National Cancer Institute" and Member of the Editorial Board of "Cancer Epidemiology". Further, he reviews manuscripts for several journals as well as grant proposals for the European Commission as well as other Dutch and international funding agencies. He has been a Member of the Working Group for the IARC Monograph on formaldehyde (2004), and is a Member of the International Commission on Radiological Protection (ICRP) Committee 1 "Radiation effects" (2013-2017).