

MD MPH PhD

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## **Education**

MD, Medical School, University of Bonn, Germany; Board certified in Internal Medicine, Occupational and Environmental Medicine; MPH, School of Public Health, University of California, Los Angeles; PhD, School of Public Health, University of California, Los Angeles

## **Courses**

Cancer Epidemiology/Global Control of Cancer

## **Research Interests**

Environmental, occupational and behavioral risk and preventive factors of cancer; Global control of cancer as integral part of the SDG 2030 agenda

## **RESEARCH**

With my background in medical oncology, occupational and environmental medicine and epidemiology my research is broad and into identification of all kinds of risk and preventive factors of cancer and evidence-informed global cancer control in support of achieving the goals of the SDG 2030 agenda, and particularly SDG 3, Health with a focus on non-communicable diseases.

Before joining BC as a Visiting Professor, I have worked for almost two decades at the International Agency for Research on Cancer (IARC/WHO) in Lyon, France as the Head of the IARC Monographs Program and the Section of Evidence Synthesis and Classification, where I was responsible for the series of Monographs on the carcinogenicity of tobacco (including involuntary smoking, smokeless tobacco and betel quid); air pollution (including indoor and outdoor air pollution, diesel engine exhaust); radiofrequency electromagnetic fields; shift-work and circadian disruption; the IARC Handbooks of Cancer Prevention including Handbooks on cancer preventive effects of avoidance of obesity and screening for breast and colorectal cancer. I contribute my expertise to the Global Burden of Disease project to inform global and local policy for cancer prevention.

## **Selected Publications**

### **1. Books, Contributions to Books**

World Cancer Report – Cancer Research for Cancer Prevention. Stewart BW, Wild CP (eds). Cree IA, Ferlay J, Straif K (assoc eds). International Agency for Research on Cancer: Lyon, France. 2020

Reducing Social Inequalities in Cancer: Evidence and Priorities for Research. IARC Scientific Publication No. 168. Vaccarella S, Lortet-Tieulent J, Saracci R, Conway DI, Straif K, Wild CP (eds). International Agency for Research on Cancer: Lyon, France. 2019

Tumour Site Concordance and Mechanisms of Carcinogenesis. IARC Scientific Publication No. 165. Baan RA, Stewart BW, Straif K (eds). International Agency for Research on Cancer: Lyon, France. 2019

Straif K, Cohen A, Samet J (eds). Air Pollution and Cancer (IARC Scientific Publications Series, No. 161). International Agency for Research on Cancer: Lyon, France, 2014

## **2. Articles in Scientific Journals**

Samet JM, Chiu WA, Coglianò V, Jinot J, Kriebel D, Lunn RM, Beland FA, Bero L, Browne P, Fritschi L, Kanno J, Lachenmeier DW, Lan Q, Lasfargues G, Le Curieux F, Peters S, Shubat P, Sone H, White MC, Williamson J, Yakubovskaya M, Siemiatycki J, White PA, Guyton KZ, Schubauer-Berigan MK, Hall AL, Grosse Y, Bouvard V, Benbrahim-Tallaa L, El Ghissassi F, Lauby-Secretan B, Armstrong B, Saracci R, Zavadil J, Straif K, Wild CP. The IARC Monographs: Updated Procedures for Modern and Transparent Evidence Synthesis in Cancer Hazard Identification. *J Natl Cancer Inst.* 2020; 112:30-37

Mehrotra R, Yadav A, Sinha DN, Parascandola M, John RM, Ayo-Yusuf O, Nargis N, Hatsukami DK, Warnakulasuriya S, Straif K, Siddiqi K, Gupta PC. Smokeless tobacco control in 180 countries across the globe: call to action for full implementation of WHO FCTC measures. *Lancet Oncol.* 2019;20:e208-e217

Lauby-Secretan B, Vilahur N, Bianchini F, Guha N, Straif K; International Agency for Research on Cancer Handbook Working Group. The IARC Perspective on Colorectal Cancer Screening. *N Engl J Med.* 2018; 378:1734-1740.

GBD 2017 SDG Collaborators. Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet.* 2018;392:2091-2138

Lauby-Secretan B, Scoccianti C, Loomis D, Grosse Y, Bianchini F, Straif K; International Agency for Research on Cancer Handbook Working Group. Body fatness and cancer – Viewpoint of the IARC Working Group. *N Engl J. Med.* 2016; 375: 794-798

Lauby-Secretan B, Scoccianti C, Loomis D, Benbrahim-Tallaa L, Bouvard V, Bianchini F, Straif K; International Agency for Research on Cancer Handbook Working Group. Breast Cancer Screening – Viewpoint of the IARC Working Group. *N Engl J Med* 2015; 372: 2353-2358

Wild CP, Bray F, Forman D, Franceschi S, Sankaranarayanan R, Straif K. Cancer in the 25x25 non-communicable disease targets. *Lancet* 2014; 384: 1502-1503

Olsson A, Vermeulen R, Kromhout H, Peters S, Gustavsson P, Brüske I, Siemiatycki J, Pesch B, Brüning T, Straif K. Exposure to diesel motor exhaust and lung cancer: are findings of a large pooled analysis really consistent – author reply to Drs Morfeld and Erren. *Am. J. Respir. Crit. Care Med.* 2011; 185:106-107  
Olsson A, Vermeulen R, Kromhout H, Peters S, Gustavsson P, Brüske I, Siemiatycki J, Pesch B, Brüning T, Straif K. The impact of selection bias due to increasing response rates among population controls in occupational case-control studies. Author reply to Dr Möhner. *Am. J. Respir. Crit. Care Med.* 2011; 185:106-107

Chaloupka FJ, Straif K, Leon ME. Effectiveness of tax and price policies in tobacco control. *Tob. Control* 2011; 20: 235-238

Leon ME, Beane-Freeman LE, Douwes J, Hoppin JA, Kromhout H, Lebailly P, Nordby KC, Schenker M, Schüz J, Waring SC, Alavanja MC, Annesi-Maesano I, Baldi I, Dalvie MA, Ferro G, Fervers B, Langseth H, London L, Lynch CF, McLaughlin J, Merchant JA, Pahwa P, Sigsgaard T, Stayner L, Wesseling C, Yoo KY, Zahm SH, Straif K, Blair A. AGRICOH: a consortium of agricultural cohorts. *Int. J. Environ. Res. Public Health* 2011; 8: 1341-1357

Ward E, Schulte PA, Straif K, Hopf NB, Caldwell JC, Carreón T, DeMarini DM, Fowler BA, Goldstein BD, Hemminki K, Husgafvel-Pursiainen K, Kuempel E, Lewtas J, Lunn RM, Lynge E, McElvenny DM, Muhle H, Nasu-Nakajima T, Robertson LW, Rothman N, Ruder AM, Schubauer-Berigan MK, Siemiatycki J, Silverman D, Smith MT, Sorahan T, Steenland K, Stevens RG, Vineis P, Zahm SH, Zeise L, Coglianò VJ. Research recommendations for selected IARC-classified agents. *Env. Health Perspect.* 2010;118:1355-62

Stayner L, Bena J, Sasco AJ, Smith R, Steenland K, Kreuzer M, Straif K. Lung cancer risk and workplace exposure to environmental tobacco smoke. *Am J Public Health* 2007;97:545-51

Straif K, Baan R, Grosse Y, Secretan B, El Ghissassi F, Coglianò V; WHO International Agency for Research on Cancer Monograph Working Group. Carcinogenicity of household solid fuel combustion and of high-temperature frying. *Lancet Oncol.* 2006;7:977-8.