


Name/Surname		Michael LEITZMANN, Professor
Affiliation	University of Regensburg, Faculty of Medicine, Department of Epidemiology and Preventive Medicine, Regensburg, Germany.	
IARC Host Group	Nutrition and Metabolism - Nutritional Epidemiology Group (NEP), IARC, Dr I. Romieu.	
Speciality	Interrelationships between physical activity, body size, and diet and the development and prognosis of chronic disease, particularly cancer.	
Academic Degrees	MD 1986 (Medicine), University of Berlin, Germany MD 1990 (Dissertation in Medicine), University of Mainz, Germany Board Certification for Internal Medicine 1995, Hamburg, Germany M.P.H. 1996, Harvard School of Public Health, Boston, MA, USA PhD 2000, Harvard School of Public Health, Boston, MA, USA	
Selected Publications	<ul style="list-style-type: none"> <li>• Leitzmann, M. F., Stampfer, M. J., Wu, K., Colditz, G. A., Willett, W. C. and Giovannucci, E. L.: Zinc supplement use and risk of prostate cancer. <i>J Natl Cancer Inst.</i> 2003; 95(13): 1004-7.</li> <li>• Leitzmann, M. F., Stampfer, M. J., Michaud, D. S., Augustsson, K., Colditz, G. C., Willett, W. C. and Giovannucci, E. L.: Dietary intake of n-3 and n-6 fatty acids and the risk of prostate cancer. <i>Am J Clin Nutr.</i> 2004; 80(1): 204-16.</li> <li>• Adams, K. F., Schatzkin, A., Harris, T. B., Kipnis, V., Mouw, T., Ballard-Barbash, R., Hollenbeck, A. and Leitzmann, M. F.: Overweight, obesity, and mortality in a large prospective cohort of persons 50 to 71 years old. <i>N Engl J Med.</i> 2006; 355(8): 763-78.</li> <li>• Ahn, J., Schatzkin, A., Lacey, J. V., Jr., Albanes, D., Ballard-Barbash, R., Adams, K. F., Kipnis, V., Mouw, T., Hollenbeck, A. R. and Leitzmann, M. F.: Adiposity, adult weight change, and postmenopausal breast cancer risk. <i>Arch Intern Med.</i> 2007; 167(19): 2091-102.</li> <li>• Lawson, K. A., Wright, M. E., Subar, A., Mouw, T., Hollenbeck, A., Schatzkin, A. and Leitzmann, M. F.: Multivitamin use and risk of prostate cancer in the National Institutes of Health-AARP Diet and Health Study. <i>J Natl Cancer Inst.</i> 2007; 99(10): 754-64.</li> <li>• Leitzmann, M. F., Park, Y., Blair, A., Ballard-Barbash, R., Mouw, T., Hollenbeck, A. R. and Schatzkin, A.: Physical activity recommendations and decreased risk of mortality. <i>Arch Intern Med.</i> 2007; 167(22): 2453-60.</li> <li>• Leitzmann, M. F., Koebnick, C., Danforth, K. N., Brinton, L. A., Moore, S. C., Hollenbeck, A. R., Schatzkin, A. and Lacey, J. V., Jr.: Body mass index and risk of ovarian cancer. <i>Cancer.</i> 2009; 115(4): 812-22.</li> <li>• Moore, S. C., Rajaraman, P., Dubrow, R., Darefsky, A. S., Koebnick, C., Hollenbeck, A., Schatzkin, A. and Leitzmann, M. F.: Height, body mass index, and physical activity in relation to glioma risk. <i>Cancer Res.</i> 2009; 69(21): 8349-55.</li> <li>• Leitzmann, M. F., Brenner, A., Moore, S. C., Koebnick, C., Park, Y., Hollenbeck, A., Schatzkin, A. and Ron, E.: Prospective study of body mass index, physical activity and thyroid cancer. <i>Int J Cancer.</i></li> </ul>	

	<p>2010; 126(12): 2947-56.</p> <ul style="list-style-type: none"> <li>• Peters, T. M., Moore, S. C., Xiang, Y. B., Yang, G., Shu, X. O., Ekelund, U., Ji, B. T., Tan, Y. T., Liu da, K., Schatzkin, A., Zheng, W., Chow, W. H., Matthews, C. E. and Leitzmann, M. F.: Accelerometer-measured physical activity in Chinese adults. <i>Am J Prev Med.</i> 2010; 38(6): 583-91.</li> <li>• Leitzmann, M. F., Moore, S. C., Koster, A., Harris, T. B., Park, Y., Hollenbeck, A. and Schatzkin, A.: Waist circumference as compared with body-mass index in predicting mortality from specific causes. <i>PLoS One.</i> 2011; 6(4): e18582.</li> <li>• Leitzmann, M. F. and Rohrmann, S.: Risk factors for the onset of prostatic cancer: age, location, and behavioral correlates. <i>Clin Epidemiol.</i> 2012; 4: 1-11.</li> <li>• Behrens, G. and Leitzmann, M. F.: The association between physical activity and renal cancer: systematic review and meta-analysis. <i>Br J Cancer.</i> 2013; 108(4): 798-811.</li> <li>• Schmid, D. and Leitzmann, M. F.: Cardiorespiratory fitness as predictor of cancer mortality: a systematic review and meta-analysis. <i>Ann Oncol.</i> 2014: [epub ahead of print].</li> <li>• Schmid, D. and Leitzmann, M. F.: Television viewing and time spent sedentary in relation to cancer risk: a meta-analysis. <i>J Natl Cancer Inst.</i> 2014; 106(7).</li> </ul>
Programme at IARC	Mining the serum metabolome for discovery of biomarkers of lifestyle, diet, and body size
Short background	<p>Michael Leitzmann is Chair of the Department of Epidemiology and Preventive Medicine at the University of Regensburg, Germany. He holds an MD from the University of Berlin and an MPH in Quantitative Methods and a doctorate in Epidemiology from the Harvard School of Public Health. His main research interests include the interrelationships between physical activity, body size, and diet and the development and prognosis of chronic disease, particularly cancer. Prior to his appointment at Regensburg University, he was an investigator at the Nutritional Epidemiology Branch of the U.S. National Cancer Institute, where he served as co-principal investigator of the NIH-AARP Diet and Health Study, a prospective cohort of over 500,000 U.S. women and men. In addition, he led the Shanghai Physical Activity Study, an investigation aimed at developing a comprehensive physical activity questionnaire with standardized questions about all types and parameters of physical activity and assessing the validity and reliability of that instrument using an accelerometer and a fitness test.</p> <p><b>Awards and Honors</b></p> <ul style="list-style-type: none"> <li>•2005 National Institutes of Health Award of Merit for exemplary leadership in advancing the National Cancer Institute’s commitment to understanding the science of energy balance and cancer and applying that understanding to reduce the cancer burden</li> <li>•2003-2007 Intramural Research Award, National Cancer Institute, National Institutes of Health (Award of competitive funds to support innovative and interdisciplinary research)</li> <li>•1998-2000 Cancer Prevention Training Grant, National Cancer Institute, National Institutes of Health</li> <li>•1996-1997 German Ministry of Research and Technology (BMFT) Training Grant</li> <li>•1995-1996 German Academic Exchange Service (DAAD) Grant</li> <li>•1987-1988 Dissertation fellowship, University of Mainz, Germany</li> </ul>

Institutional webpage:

<http://www.uni-regensburg.de/medizin/epidemiologie-praeventivmedizin/institut/lehrstuhl-fuer-epidemiologie-und-praeventivmedizin/prof-dr-dr-michael-leitzmann/index.html>