

First KIA Laureate Applied Research

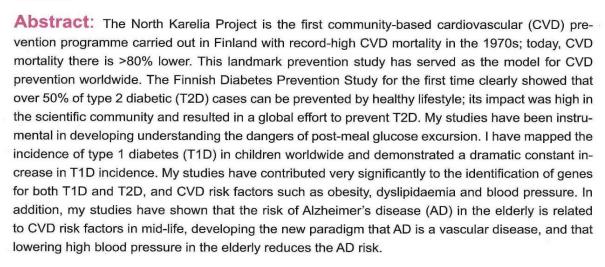
Researcher: Prof. Jaakko Tuomilehto

Nationality: FinnishDate of birth: 1946

Position: Professor of Public Health

 Scientific affiliation: University of Helsinki, Department of Public Health, Helsinki, Finland

Project title: Epidemiology, etiology and prevention of diabetes, cardiovascular disease and dementia



Biography: Prof. Jaakko Tuomilehto has contributed to medical science and public health in a very wide scale. He has set up several major landmark studies on cardiovascular disease and diabetes, including the North Karelia Project and the Finnish Diabetes Prevention Study that have had major global impact on the prevention of these diseases. His innovative research has led to mapping the incidence of type 1 diabetes worldwide, and helped to understand that Alzheimer's disease has vascular origin with multiple modifiable risk factors. His contribution to the genetics of type 1 and 2 diabetes is very significant; he has been developed major international research projects in this area, including work on gene-lifestyle interaction. He has carried out many important controlled clinical trials; particularly those in hypertension. He has also been one of the leading scientists pointing out the importance of postprandial glucose in the diagnosis of diabetes and impaired glucose regulation, and as a predictor of cardiovascular disease. Many of his studies on diet and health are highly important. He has published over 1000 peer-reviewed original articles (in English). According to the ISI global citation analysis JT ranks among the 12 most cited scientist in clinical medicine (>30 000 citations during the last 10 years) and his h-index is 95 (last 20 years).