

Resource Summary Report

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Biomarker Network

RRID:SCR_008951

Type: Tool

Proper Citation

Biomarker Network (RRID:SCR_008951)

Resource Information

URL: <http://gero.usc.edu/CBPH/network/index.shtml>

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Description: A network to improve measurement of biological risk for late life health outcomes in large representative samples of populations. Activities of the network include designing and carrying out a series of focused meetings, interactive activities, workshops, and pilot projects to harmonize and develop measurement of biological risk in populations. This project will improve the methods of measuring health used in populations and improve comparability of results over time and across studies, which is important for monitoring population health. Biological risk represents objective measurement of major dimensions of population health. The level of risk can indicate the health of the population, need for health care treatment in a population, and the effectiveness of that treatment in controlling risk or delaying disease progression, and death. The measurement of biological risk in large populations often requires adoption of methods not used in laboratory settings. The overarching goal of the network is to promote interdisciplinary research that clarifies the biological paths to health outcomes that can be measured or monitored in population surveys. The network will address the following questions: * What array of biological markers can be included reliably and validly in population studies in order to better monitor health and predict health outcomes at the older ages? * What are the best methods of collecting biological risk information under a variety of circumstances? * What are the best methods for processing the biological risk information collected? * What methods of harmonization will allow us to compare biological risk across studies? * What are the best approaches to measurement of cumulative biological risk or dimensions of biological risk for a variety of health outcomes in a variety of settings? * What are the best approaches in including indicators of genetic risk for complex diseases and conditions into data from population-based surveys? * How do we best capture indicators of life-long social, psychological and economic conditions along with lifelong biological risk to explain later life health outcomes? * What particular ethical issues are posed by our linking of biological data to extensive social, psychological, and economic information? A dataset of descriptions of Selected Population Studies with Biomarkers is available.

Abbreviations: Biomarker Network

Synonyms: BiomarkerNetwork

Resource Type: narrative resource, data set, data or information resource, standard specification, knowledge environment, topical portal, portal

Keywords: biological risk, health outcome, late adult human, biomarker, health, population

Related Condition: Aging

Funding: NIA 5R24AG037898-02

Resource Name: Biomarker Network

Resource ID: SCR_008951

Alternate IDs: nlx_151868

Record Creation Time: 20220129T080250+0000

Record Last Update: 20260729T044218+0000

Ratings and Alerts

No rating or validation information has been found for Biomarker Network.

No alerts have been found for Biomarker Network.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.