

Revised list of ARC projects by 4 research areas

A. Longevity, morbidity, and functioning

1. Health and functioning: changes in a life-course perspective
2. Multimorbidity: occurrence, risk factors and consequences
3. Family role in aging: implications for health and longevity
4. Leisure-time activities, social network, and health
5. Predictors of survival after life expectancy
6. Centenarian study

B. Treatment and care of elderly persons

7. Qualitative and quantitative aspects of formal and informal care
8. Quality of drug use in elderly persons: Improvement and maintenance
9. Economic aspects related to prevention, treatment, and care of elderly persons

C. Health trends and inequality

10. Understanding health trends
11. Inequalities in health
12. Biological and social determinants of gender differences in cognition, health, and longevity

D. Brain aging

Cognitive aging

13. Cognitive functions in normal aging
14. Genetic aspects of cognitive aging
15. MCI/Secondary dementia prevention

Risk factors for dementia

16. The role of vascular risk factors in brain pathology
17. Middle-age risk factors in cognitive decline and dementia
18. Brain reserve and dementia risk
19. Psychological stress and dementia risk
20. Diet and antioxidant hypotheses for neurodegeneration

Intervention studies

21. Possible short- and long-run effects of cognitive training
22. Finnish Geriatric Intervention Study to prevent cognitive impairment and disability (FINGER)

Neuroimaging

23. Population-based structural imaging of gray- and white-matter integrity in aging
24. Functional brain activation during cognitive and emotional processing in young and old adults
25. Dopamine functions and cognitive aging

Af Jochnick Center for Cognitive Neuroscience

26. Dopamine functions and cognitive aging
27. Cognition, Brain, and Aging (COBRA)