Ali Ahmadi,
MSc, PhD
Epidemiologist
Associate Professor

Curriculum Vitae
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Shahrekord University of Medical Sciences, School of Health

Research Interests

Non-Communicable Diseases (NCDs) cardiovascular, myocardial infarction, cancer, lung, etc., modeling in health and epidemics, cohort studies, spatial analysis and GIS.

i) evaluate the prevalence and long-term trends of NCDs and their outcomes in an Iranian province with unique geographical, ethnic, and socioeconomic characteristics

ii) investigate associations of environmental and genetic/ethnic factors with the prevalence and incidence of NCDs and their outcomes

iii) to examine the interplay between genetic/ethnic and environmental factors in the etiology and prevention of NCDs.

iv) provide the basis for various types of epidemiological studies (e.g., social, spatial, molecular epidemiology) and generate scientific evidence that may contribute to improving public health in Iran, **v)** national and international collaboration and to make the research community aware of the existence of large cohorts around the world.

INNOVATIVE PROJECTS

[Shahrekord Prospective Epidemiological Research Studies in IrAN (PERSIAN) Cohort Study and Biobank]

SCOPUS Pie Chart

Co-authors

Hamid Soori
Professor of Epidemiology, Safet...

Alireza Mosavi Jarrahi
Associate Professor of Epidemiol...

Yadollah Mehrabi
Shahid Beheshti University of M...

SELECTED PUBLICATIONS

1-**Ahmadi A**, Soori H, Mehrabi Y, Etemad K, Samavat T, Khaledifar A. Incidence of acute myocardial infarction in the Islamic Republic of Iran: a study using national registry data in 2012. Eastern Mediterranean Health Journal; 2015;21(1):5-12. [ISI/Medline]

2-**Ahmadi A**, Soori H, Mehrabi M, EtemadK, Sajjadi H, Sadeghi M. Predictive factors of hospital mortality due to myocardial infarction: A multilevel analysis of Iran's national data. International Journal of Preventive Medicine. 2015;6:112 [ISI/Medline]

3-**Ahmadi A**, Soori H, Sajjadi H. Modeling of in-hospital mortality determinants in myocardial infarction patients, with and without type 2 diabetes, undergoing pharmaco-invasive strategy: the first national report using two approaches in Iran. Journal of Diabetes Research and Clinical Practice; 2015.108(2):216-222. [ISI/Medline, IF:2.6]

4-**Ahmadi A**, Salehi F. Evaluation of observed and the expected incidence of common cancers: An experience from Southwestern of Iran, 2010–2014. J Res Med Sci 2018;23(1).

5- Kiani FZ, **Ahmadi A**. Prevalence of different comorbidities in chronic obstructive pulmonary disease among Shahrekord PERSIAN cohort study in southwest Iran. Sci Rep. 2021 Jan 15;11(1):1548. IF:4

6- Khaledifar A, Hashemzadeh M, Solati K, Poustchi H, Bollati V, **Ahmadi A**, et al. l. The protocol of a population-based prospective cohort study in southwest of Iran to analyze common non-communicable diseases: Shahrekord cohort study. BMC Public Health. 2018 May 25;18(1):660. IF:2.5

PUBLICATION BOOK

Ahmadi A, Clinical trials a practical Guide to Design, Analysis and Reporting. Gap Pub. ISSN: 9786007197974, 2019

Ahmadi A, Lashkardoust H. Principles and Statistical Methods in Medical Research & Epidemiology through STATA.2013; Shahrekord University of Medical Sciences, Elyas Publication, 520 pages, ISSN:978-600-5727-21-0

Ahmadi A. Introduction to Stata. 2010. Asef Publication.

Ahmadi A, Rezaei M. Introduction to HIV/AIDS. Bushehr University of Medical Sciences, Boushehr, Iran; 2008.

SOFTWARE SKILLS

STATA, SPSS, EndNote, Arc GIS, ICDL (Word, PowerPoint, Excel, Access), TreeAge, Gpower, EPI INFO, DISMOD, Med Calc, Prism, Random Allocation Software

INTERNATIONAL COLLABORATION

1- **NCD Risk Factor** Collaboration (NCD-RisC), Published paper in **Nature**. 2020;582(7810):73-77

2- **Global Burden of Disease** (GBD) published a paper in **Lancet**. 2020;7;396(10261):1511-1524

3- **Center** of Molecular and Genetic Epidemiology, Department of Clinical Sciences and Community Health, Università Degli Studi di Milano, Milan, Italy. Published paper in **BMC Public Health**. 2018

4- Digestive Disease Research Center, Digestive Diseases Research Institute, Tehran University of Medical Sciences, Tehran, Iran. **Establishment** of PERSIAN cohort

5- **Precision Medicine**, School of Clinical Sciences at Monash Health, Monash University, Clayton, VIC, Australia. Cancer Epidemiology Division, Cancer Council Victoria, Melbourne. Centre for Epidemiology and Biostatistics, Melbourne School of Population and Global Health, The University of Melbourne, Parkville, VIC, Australia

RESEARCH PROFILES

Microsoft Academic