

# OMID BEIKI, MD, PHD, MSC

Västra vägen 19, Stockholm 169 61, Sweden

Telephone: +46707959327 (Cell); Emails: [omid.beiki@ki.se](mailto:omid.beiki@ki.se), [omid.beiki@yahoo.com](mailto:omid.beiki@yahoo.com)

## PROFESSIONAL PROFILE

A focused, dedicated and diligent Research Scientist with a proven track record in the evaluation and analysis of real world data (population health and epidemiological data) in academy and pharma/consulting industry. Demonstrates exemplary research, information gathering, interviewing and data analysis capabilities, as well as exceptional project management and leadership skills. Possesses the communication and presentation skills to translate data into deliverable information, creating accessible and concise research reports and studies to a wide range of stakeholders and audiences. Brings a medical background and advanced academic training, as well as in-depth experience with secondary analysis of large and complex databases including national health registers.

## KEY SKILL AREAS

- More than 13 years' experience from real world evidence in academy and pharma/consulting industry with an extensive experience in working with Swedish national and clinical registries
- Producing and submitting proposals based on client RFPs and supporting information with minimal support
- Expert in quantitative research in the area of epidemiology, and health outcomes research based on longitudinal data in clinical, health and social and demographic information registers
- Develops, implements and monitors epidemiology and risk management strategy of one or several drugs
- Leads the discussion and implementation of modern and innovative epidemiology approaches to robustly evaluate the safety and ultimately the benefit-risk profile of a drug based on data from literature and non-interventional studies in a pro-active manner
- Designs, conducts, analyses, interprets and reports simple and complex epidemiological studies using databases such as CPRD and MarketScan
- Epidemiologist responsible for the epidemiological sections of documents for the Health Authorities, including but not restricted to product submissions, Health Authority requests, RMPs, Safety Update reports, Labelling documents, Safety Profiling Plans, RiskMAPs, and Expert Statements
- Generates systematic reviews using best practice methodologies to evaluate published evidence, and provide commentaries on manuscripts and publications of epidemiological studies
- Assessing research goals and evaluating best practices in the development and implementation of research projects across a range of health-assessment based criteria
- Coordinating the activities of research staff throughout the development and analysis of research data
- Providing leadership and oversight for groups of research scientists and associated staff across a range of epidemiology and biostatistics projects
- Managing budgetary planning, resource allocation and stakeholder management for departmental research projects
- Developing and implementing strategic planning processes for research projects, ensuring alignment with overall research priorities
- Designing and implementing of hospital-based cancer registration studies in collaboration with referral hospitals
- Delivering presentations to scientific conferences and public institutions
- Carrying out statistical analysis using SAS, STATA, and SPSS

## CAREER SUMMARY

2016 - present **EPIDEMIOLOGIST**, NOVARTIS  
2016 - present **PROJECT MANAGER**, COGNIZANT TECHNOLOGY SOLUTIONS  
2013 - 2015 **HEAD**, Department of Epidemiology, Kermanshah University of Medical Sciences  
2011 - 2015 **ASSISTANT PROFESSOR**, Kermanshah University of Medical Sciences  
2006 - present **KAROLINSKA INSTITUTET**  
2014 - present **ASSOCIATED RESEARCHER**, Department of Clinical Neuroscience  
2012 - 2014 **POST-DOCTORATE**, Clinical Unit of Epidemiology, Department of Medicine  
2011 - 2012 **POST-DOCTORATE**, Division of Epidemiology, Department of Medicine  
2010 - 2011 **POST-DOCTORATE**, Division of Epidemiology, Institute of Environmental Medicine  
2006 - 2010 **PHD STUDENT**  
2001-2006 **CEO/FOUNDER**, Pejouhan Company (Health Informatics Company)

## ACADEMIC AND PROFESSIONAL APPOINTMENTS

2017 - present **ACADEMIC EDITOR**, PLOS ONE  
2013 - present **RESEARCHER**, Department of Research, Ministry of Health, Iran  
2013 - 2015 **HEAD**, Department of Epidemiology, Kermanshah University of Medical Sciences  
2013 - 2015 **MEMBER**, Council of Research, Kermanshah University of Medical Sciences  
2012 - 2015 **MEMBER**, Council of Medical Publishing, Kermanshah University of Medical Sciences  
2012 - 2015 **CONSULTANT**, Department of Research, Kermanshah University of Medical Sciences  
2012 - present **EDITOR**, Educational Research in Medical Sciences Journal  
2012 - 2015 **HEAD**, Evidence-Based Committee, Kermanshah University of Medical Sciences  
2011 - 2017 **DEPUTY and EDITOR-IN-CHIEF**, Journal of Basic and Clinical Cancer Research  
2011 - 2015 **ASSISTANT PROFESSOR**, Kermanshah University of Medical Sciences

## EDUCATION AND QUALIFICATIONS

**MSc** Karolinska Institutet and Stockholm University, 2018, Major in Health Informatics  
**PhD** Karolinska Institutet, 2010  
**Thesis:** Cancer and Migration, Epidemiological studies on relationship between country of birth, socio-economic position and cancer  
**MD** Yazd Medical University, 1999  
**Thesis:** Clinical and Para-clinical characteristics of patients hospitalized due to congestive heart failure in Yazd

## PUBLICATIONS

Author/co-author of 36 publications indexed in Web of Science (Citations 149, h-index 7, average citation 4.14 per item), 27 original and review articles indexed in PubMed, 75 publications indexed in Google Scholar (Citations 462, h-index 12, and i10-index 15) and 31 publications indexed in Scopus (Citations 211, h-index 9).

## OTHER PRIZES/QUALIFICATIONS

I have received a national title as distinguished researcher from Razi Research Festival on Medical Sciences for "ParsMedline, The First National Biomedical Research Database" in 2005.

## REFERENCES AVAILABLE ON REQUEST

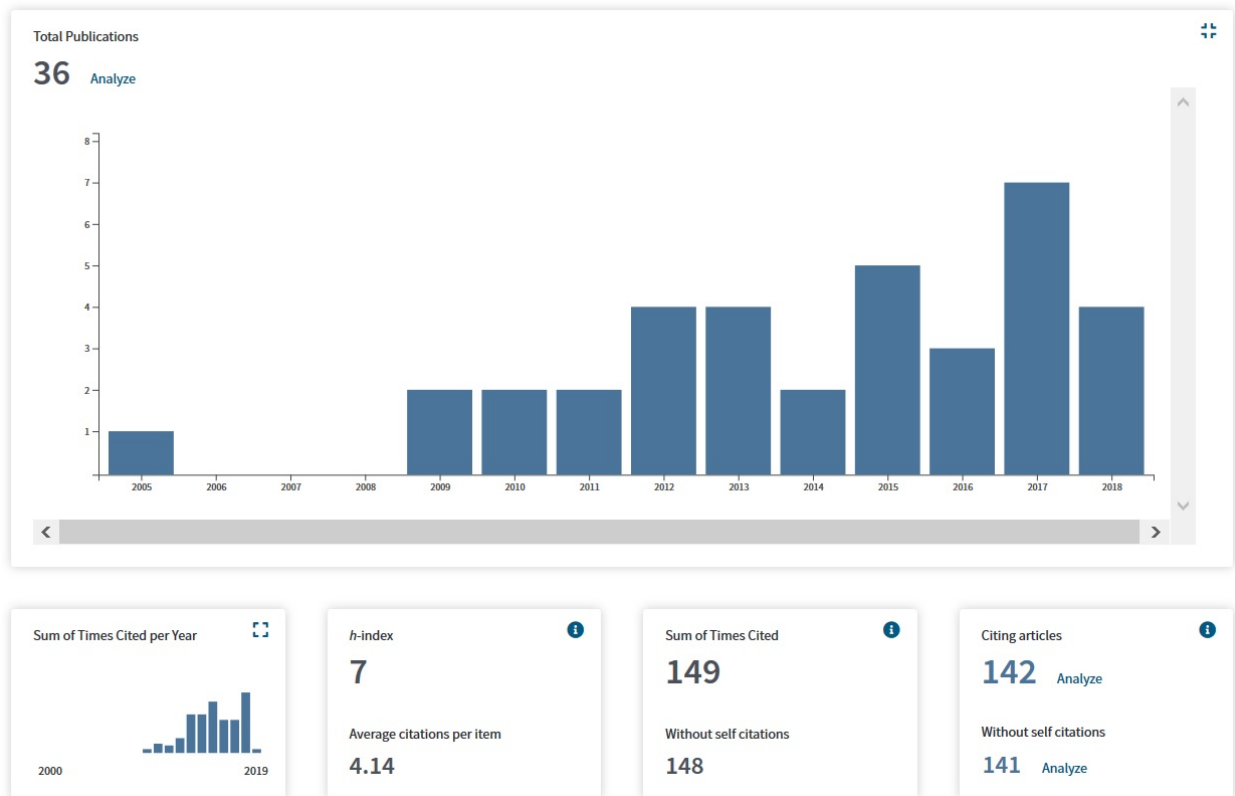
## SCIENTIFIC PORTFOLIO

### CURRENT SCIENTIFIC ACTIVITY

Voluntary activity in research at Karolinska Institutet

### SCIENTIFIC PUBLICATIONS

Bibliometric parameters (Web of Knowledge)



### List of all original works

1. **Beiki O**, Frumento P, Bottai M, Manouchehrinia A, Hillert J. Changes in the Risk of Reaching Multiple Sclerosis Disability Milestones In Recent Decades: A Nationwide Population-Based Cohort Study in Sweden. *JAMA Neurol*. Published online March 18, 2019. doi:10.1001/jamaneurol.2019.0330.
2. Sheikhtaheri A, Nahvijou A, Sedighi Z, Hadji M, Golmahi M, Roshandel G, **Beiki O**, Ravankhah Z, Zendehtdel K. Development of a tool for comprehensive evaluation of population-based cancer registries. *Int J Med Inform*. 2018 Sep;117:26-32.
3. Heydarpour P, Manouchehrinia A, **Beiki O**, Mousavi SE, Abdolalizadeh A, Lakeh MM, Sahraian MA. Smoking and worsening disability in multiple sclerosis: A meta-analysis. *Acta Neurol Scand*. 2018 Jul;138(1):62-69.
4. Wipfler P, Dunn N, **Beiki O**, Trinkka E, Fogdell-Hahn A. The Viral Hypothesis of Mesial Temporal Lobe Epilepsy - Is Human Herpes Virus-6 the Missing Link? A systematic review and meta-analysis. *Seizure*. 2018 Jan;54:33-40.

5. Filippini G, Del Giovane C, Clerico M, **Beiki O**, Mattoscio M, Piazza F, Fredrikson S, Tramacere I, Scalfari A, Salanti G. Treatment with disease-modifying drugs for people with a first clinical attack suggestive of multiple sclerosis. *Cochrane Database Syst Rev*. 2017 Apr 25;4:CD012200.
6. Majidi A, Salimzadeh H, **Beiki O**, Delavari F, Majidi S, Delavari A, Malekzadeh R. Cancer research priorities and gaps in Iran: the influence of cancer burden on cancer research outputs between 1997 and 2014. *Public Health*. 2017 Mar;144:42-47. PMID: 28274383.
7. Manouchehrinia A, **Beiki O**, Hillert J. Clinical course of multiple sclerosis: A nationwide cohort study. *Mult Scler*. 2016 Dec 1:1352458516681197. PMID: 27956559.
8. Kavaliunas A, Manouchehrinia A, Stawiarz L, Ramanujam R, Agholme J, Hedström AK, **Beiki O**, Glaser A, Hillert J. Importance of early treatment initiation in the clinical course of multiple sclerosis. *Mult Scler*. 2016 Oct 1:1352458516675039. PMID: 27754943.
9. Aznab M, **Beiki O**, Pia KE, Setayeshi K, Hesami MA, Vrae H. Evaluation the Survival of Patients with Gastric Cancer Treated with Adjuvant or Palliative Chemotherapy. *J Gastrointest Cancer*. 2017 Mar;48(1):31-37. PMID: 27543101.
10. Dowlatabadi MM, Ahmadi SM, Sorbi MH, **Beiki O**, Razavi TK, Bidaki R. The effectiveness of group positive psychotherapy on depression and happiness in breast cancer patients: A randomized controlled trial. *Electron Physician*. 2016 Mar 25;8(3):2175-80. PMID: 27123227.
11. Aznab M, Kamalian N, **Beiki O**, Naleini F. Myeloid Sarcoma of the peritoneum at older ages: A case report and review of literature. *Int J Hematol Oncol Stem Cell Res*. 2015 Jan 1;9(1):50-4. PubMed PMID: 25802700.
12. Dzayee DA, Moradi T, **Beiki O**, Alfredsson L, Ljung R. Recommended drug use after acute myocardial infarction by migration status and education level. *Eur J Clin Pharmacol*. 2015 Apr;71(4):499-505. PMID: 25721250.
13. Tahvilian R, Ebrahimi A, **Beiki O**, Nemati H, Masoud S. Preparation and clinical evaluation of Finastride gel in the treatment of idiopathic Hirsutism. *J Drug Assess*. 2015 Jun 18;4(1):12-8. PMID: 27536457.
14. **Beiki O**, Zendehtdel K, Bahmanyar S, Mohagheghi MA, Sparen P, Mousavi Jarrahi A, Keshtkari S, Nahvijou A, Zahra Sedighi, Leila Shademan, Olof Nyren, Tahereh Moradi. Cancer Incidence Rates among Iranian immigrants in Sweden, a Population-Based Retrospective Cohort Study. *Basic & Clinical Cancer Research*. 2014;6(4):2-13.
15. Najafi F, **Beiki O**, Ahmadijouybari T, Amini S, Moradinazar M, Hatemi M, et al. An assessment of suicide attempts by self-poisoning in the west of Iran. *Journal of forensic and legal medicine*. 2014;27:1-5. PMID: 25287790.
16. Ghanadi K, Anbari K, Obeidavi Z, Beiranvand B, Almasian M, **Beiki O**. Risk of Gastric Cancer Associated with Family History of other Cancers of the Digestive System. *Basic & Clinical Cancer Research*. 2014;6(3):36-42.
17. Vaziri S, Pakseresht B, Janbakhsh A, Sayad B, Mansouri F, Afsharian M, **Beiki O**. Comparison of the effect of accelerated and classic vaccination schedules against Hepatitis B on the

- short-term production of protective antibody level: a meta-analysis study [In Persian]. *Journal of Kermanshah University of Medical Sciences*. 2014;18(2):92-9.
18. Nazer MR, Beiranvand B, Obeidavi Z, **Beiki O**. Prevalence of hepatitis C genotypes in patients with hepatitis C in Lorestan province (2009-2013)[In Persian]. *Journal of Kermanshah University of Medical Sciences*. 2014;18(2):108-13.
  19. Dzayee DA, **Beiki O**, Ljung R, Moradi T. Downward Trend in the Risk of Second Myocardial Infarction in Sweden, 1987-2007: Breakdown by Socioeconomic position, Gender, and Country of Birth. *Eur J Cardiovasc Prev Rehabil. European journal of preventive cardiology*. 2014;21(5):549-58. PMID: 23165757.
  20. **Beiki O**, Karimi N, Mohammadi R. Parental educational level and injury incidence and mortality among foreign-born children: A cohort study with 46 years follow-up. *Journal of injury and violence research*. 2013;6(1):37-43. PMID: 24042970.
  21. Karimi N, **Beiki O**, Mohammadi R. Risk of fatal unintentional injuries in children by migration status: a nationwide cohort study with 46 years' follow-up. *Injury prevention* 2013;injuryprev-2013-040883. PMID: 24108384.
  22. Beiranvand B, Navabi SJ, **Beiki O**, Kashefi H, Eskandari S, Obeidavi Z. Investigation of epidemiologic toxicities caused by Paraquat herbicide and comparing factors influencing these patients' causality in Kermanshah Imam Khomeini Hospital (2002-2013). *International journal of Advanced Biological and Biomedical Research*. 2013;1(10):1199-1203.
  23. Forouzannia SK, Abdollahi MH, Mirhosseini SJ, Hadadzadeh M, Zarepur R, Zarepur E, **Beiki O**, Sarebanhassanabadi M. Adenosine Preconditioning versus Ischemic Preconditioning in Patients undergoing Off-Pump Coronary Artery Bypass (OPCAB). *The journal of Tehran Heart Center*. 2013;8(3):127-31. PMID: 24396361.
  24. Dzayee DAM, Ivert T, **Beiki O**, Alfredsson L, Ljung R, Moradi T. Short and Long Term Mortality after Coronary Artery Bypass Grafting (CABG) Is Influenced by Socioeconomic Position but Not by Migration Status in Sweden, 1995–2007. *PloS one*. 2013;8(5):e63877. PMID: 23717501.
  25. Nadoshan JJ, Omranipour R, **Beiki O**, Zendehtdel K, Alibakhshi A, Mahmoodzadeh H. Prognostic Value of Lymph Node Ratios in Node Positive Rectal Cancer Treated with Preoperative Chemoradiation. *Asian Pacific Journal of Cancer Prevention* 2013;14(6):3769-72. PMID: 23886180.
  26. Aghaei A, Ahmadi-Jouibari T, **Beiki O**, Mosavi-Jarrahi A. Estimation of the Gastric Cancer Incidence in Tehran by Two-Source Capture-recapture. *Asian Pacific Journal of Cancer Prevention*. 2013;14(2):673-7.
  27. Hadji M, Nahvijou A, Seddighi Z, **Beiki O**, Mohagheghi MA, Mosavi-Jarrahi A, Marnani AB, Zendehtdel K. Challenges to Promoting Population-Based Cancer Registration in Iran: a Workshop Report. *Asian Pacific Journal of Cancer Prevention*. 2013;14(10):6189-93. PMID: 24289647.

28. Wilczek ML, Kälvesten J, Algulin J, **Beiki O**, Brismar TB. Digital X-ray radiogrammetry of hand or wrist radiographs can predict hip fracture risk-a study in 5,420 women and 2,837 men. *European radiology* 2013;23(5):1383-91. PMID: 23229168.
29. **Beiki O**, Hall P, Ekblom A, Moradi T. Breast cancer incidence and case fatality among 4.7 million women in relation to social and ethnic background: a population-based cohort study. *Breast Cancer Research* 2012, 14:R5. PMID: 22225950.\*
30. Yang D, Dzayee DA, **Beiki O**, de Faire U, Alfredsson L, Moradi T. Incidence and case fatality after day 28 of first time myocardial infarction in Sweden 1987-2008. *Eur J Cardiovasc Prev Rehabil.* 2012 Dec;19(6):1304-15. PMID: 21965519.
31. **Beiki O**, Granath F, Allebeck P, Akre O, Moradi T. Subtype-specific risk of testicular tumors among immigrants and their descendants in Sweden, 1960 to 2007. *Cancer Epidemiol Biomarkers Prev.* 2010 Apr;19(4):1053-65. PMID: 20354126.\*
32. **Beiki O**, Ekblom A, Allebeck P, Moradi T. Risk of prostate cancer among Swedish-born and foreign-born men in Sweden, 1961-2004. *Int J Cancer.* 2009 Apr 15;124(8):1941-53.\*
33. **Beiki O**, Allebeck P, Nordqvist T, Moradi T. Cervical, endometrial and ovarian cancers among immigrants in Sweden: importance of age at migration and duration of residence. *Eur J Cancer.* 2009 Jan;45(1):107-18.\*
34. **Beiki O**, Beiki D. ParsMedline: establishment of a Web-based bibliographic database related to Iranian health and medical research. *J Med Libr Assoc.* 2005 Jul;93(3):400-3.
35. Shemirani H, Haji Hashemi S, **Beiki O**. Intracranial hemorrhage in normotensive and hypertensive patients receiving streptokinase after decreasing elevated blood pressure. *Journal of Research in Medical Sciences* 2005;10(5):292-7.
36. Forouzan-Nia SK, Baradaran SH, Zare S, **Beiki O**, Hagesmaili MR, Mojallal F. Survey of the changes of Chest-X-Ray indices after Coronary Artery Bypass Grafting [In Persian]. *The Journal of Faculty of Medicine* 2005; 62(9):705-709.
37. Emami M, **Beiki O**, Andishmand A, Hajjesmaili MR, Motafakker M. A comparison of hyperlipidemia management by physicians of Yazd and the National Cholesterol Education Program (NCEP) guidelines [In Persian]. *Iranian Journal of Endocrinology and Metabolism* 2005; 6(4):301-307.
38. Sakhavat L, **Beiki O**, Hashemi-nejad M. Evaluation of results of medical treatment of first trimester incomplete abortion with Methyl Ergonovine Maleate (methergine) [In Persian]. *Journal of Shahid Sadoughi University of Medical Sciences* 2004;12(1):29-34.
39. Forouzan Nia SK, Abdollahi MH, Emami M, Moradpoor R, Zare S, **Beiki O**. Evaluation of Ejection Fraction and CCSFC after Coronary Artery Bypass Grafting [In Persian]. *Journal of Shahid Sadoughi University of Medical Sciences* 2004;12(3):3-8.
40. Karimzadeh MA, Sakhavat L, **Beiki O**. A randomized controlled trial of antibiotic prophylaxis in elective caesarean delivery [In Persian]. *Journal of Shahid Sadoughi University of Medical Sciences* 2003;11(2):32-36.

## The ten most-cited publications (Web of Knowledge, 2019/01/06)

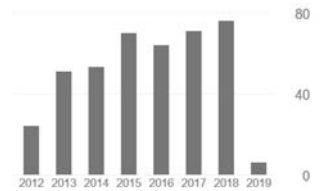
1. Yang D, Dzayee DA, **Beiki O**, de Faire U, Alfredsson L, Moradi T. Cited: 22  
Incidence and case fatality after day 28 of first time myocardial infarction in Sweden 1987-2008. *Eur J Cardiovasc Prev Rehabil*. 2012 Dec;19(6):1304-15. PMID: 21965519.
2. **Beiki O**, Allebeck P, Nordqvist T, Moradi T. Cited: 22  
Cervical, endometrial and ovarian cancers among immigrants in Sweden: importance of age at migration and duration of residence. *Eur J Cancer*. 2009 Jan;45(1):107-18.\*
3. **Beiki O**, Hall P, Ekblom A, Moradi T. Cited: 20  
Breast cancer incidence and case fatality among 4.7 million women in relation to social and ethnic background: a population-based cohort study. *Breast Cancer Research* 2012, 14:R5. PMID: 22225950.\*
4. **Beiki O**, Ekblom A, Allebeck P, Moradi T. Cited: 13  
Risk of prostate cancer among Swedish-born and foreign-born men in Sweden, 1961-2004. *Int J Cancer*. 2009 Apr 15;124(8):1941-53.\*
5. Kavaliunas A, Manouchehrinia A, Stawiarz L, Ramanujam R, Agholme J, Hedström AK, **Beiki O**, Glaser A, Hillert J. Cited: 12  
Importance of early treatment initiation in the clinical course of multiple sclerosis. *Mult Scler*. 2016 Oct 1:1352458516675039. PMID: 27754943.
6. Wilczek ML, Kälvesten J, Algulin J, **Beiki O**, Brismar TB. Cited: 12  
Digital X-ray radiogrammetry of hand or wrist radiographs can predict hip fracture risk-a study in 5,420 women and 2,837 men. *European radiology* 2013;23(5):1383-91. PMID: 23229168.
7. **Beiki O**, Granath F, Allebeck P, Akre O, Moradi T. Cited: 10  
Subtype-specific risk of testicular tumors among immigrants and their descendants in Sweden, 1960 to 2007. *Cancer Epidemiol Biomarkers Prev*. 2010 Apr;19(4):1053-65. PMID: 20354126.\*
8. Filippini G, Del Giovane C, Clerico M, **Beiki O**, Mattoscio M, Piazza F, Fredrikson S, Tramacere I, Scalfari A, Salanti G. Cited: 7  
Treatment with disease-modifying drugs for people with a first clinical attack suggestive of multiple sclerosis. *Cochrane Database Syst Rev*. 2017 Apr 25;4:CD012200.
9. Najafi F, **Beiki O**, Ahmadijouybari T, Amini S, Moradinazar M, Hatemi M, et al. Cited: 5  
An assessment of suicide attempts by self-poisoning in the west of Iran. *Journal of forensic and legal medicine*. 2014;27:1-5. PMID: 25287790.
10. Dzayee DAM, Ivert T, **Beiki O**, Alfredsson L, Ljung R, Moradi T. Cited: 5  
Short and Long Term Mortality after Coronary Artery Bypass Grafting

(CABG) Is Influenced by Socioeconomic Position but Not by Migration Status in Sweden, 1995–2007. PloS one. 2013;8(5):e63877. PMID: 23717501.

**The ten most important publications (Google scholar 2019/01/06)**

From an epidemiological point of view and visibility from Google scholar the following publications are the most important

Cited by	VIEW ALL	
	All	Since 2014
Citations	462	345
h-index	12	10
i10-index	15	11



1. **Beiki O**, Frumento P, Bottai M, Manouchehrinia A, Hillert J. The risk of reaching multiple sclerosis disability milestones is decreasing: a nationwide population-based cohort study in Sweden. JAMA Neurology (Accepted). Journal IF: 11.5
2. **Beiki O**, Hall P, Ekbom A, Moradi T. Breast cancer incidence and case fatality among 4.7 million women in relation to social and ethnic background: a population-based cohort study. Breast Cancer Research 2012, 14:R5. PMID: 22225950.\* Cited: 92 Journal IF: 5.211
3. Yang D, Dzayee DA, **Beiki O**, de Faire U, Alfredsson L, Moradi T. Incidence and case fatality after day 28 of first time myocardial infarction in Sweden 1987-2008. Eur J Cardiovasc Prev Rehabil. 2012 Dec;19(6):1304-15. PMID: 21965519. Cited: 40 Journal IF: 3.361
4. **Beiki O**, Allebeck P, Nordqvist T, Moradi T. Cervical, endometrial and ovarian cancers among immigrants in Sweden: importance of age at migration and duration of residence. Eur J Cancer. 2009 Jan;45(1):107-18.\* Cited: 35 Journal IF: 6.163
5. Kavaliunas A, Manouchehrinia A, Stawiarz L, Ramanujam R, Agholme J, Hedström AK, **Beiki O**, Glaser A, Hillert J. Importance of early treatment initiation in the clinical course of multiple sclerosis. Mult Scler. 2016 Oct 1:1352458516675039. PMID: 27754943. Cited: 31 Journal IF: 5.280
6. **Beiki O**, Ekbom A, Allebeck P, Moradi T. Risk of prostate cancer among Swedish-born and foreign-born men in Sweden, 1961-2004. Int J Cancer. 2009 Apr 15;124(8):1941-53.\* Cited: 22 Journal IF: 5.531
7. Mojibian M, Oulia M, **Beiki O**, Kouchak YL. Osteoporosis in postmenopausal women [In Persian]. Iranian Journal of Surgery. 2006; 14 (136): 71-78. Cited: 24 Journal IF: NA



8. **Beiki O**, Granath F, Allebeck P, Akre O, Moradi T. Subtype-specific risk of testicular tumors among immigrants and their descendants in Sweden, 1960 to 2007. *Cancer Epidemiol Biomarkers Prev.* 2010 Apr;19(4):1053-65. PMID: 20354126.\* Cited: 22  
Journal IF: 3.622
9. Filippini G, Del Giovane C, Clerico M, **Beiki O**, Mattoscio M, Piazza F, Fredrikson S, Tramacere I, Scalfari A, Salanti G. Treatment with disease-modifying drugs for people with a first clinical attack suggestive of multiple sclerosis. *Cochrane Database Syst Rev.* 2017 Apr 25;4:CD012200. Cited: 17  
Journal IF: 6.754
10. Wilczek ML, Kälvesten J, Algulin J, **Beiki O**, Brismar TB. Digital X-ray radiogrammetry of hand or wrist radiographs can predict hip fracture risk-a study in 5,420 women and 2,837 men. *European radiology* 2013;23(5):1383-91. PMID: 23229168. Cited: 17  
Journal IF: 4.027

#### List of general articles and book chapters

1. Trastuzumab Guideline in Breast Cancer, Policy and Clinical Recommendations and Patient Decision Aids, Tehran, Iran, 2011.
2. **Beiki O**, Stegmayr B and Moradi T. Country reports: Sweden. In: Razum O, Spallek J, Reeske A and Arnold M (eds) Migration-sensitive cancer registration in Europe. Pieterlen, Switzerland: Lang, 2011, pp.106–123.
3. **Beiki O**. Cancer and migration: Epidemiological studies on relationship between country of birth, socio-economic position and cancer. Stockholm, Sweden, 2010.

#### INTERNATIONAL SCIENTIFIC CONGRESSES

##### Invited speaker or chair

1. Invited speaker: First International Congress of Diseases and Health Outcomes Registry 2016
2. Chair: First International Congress of Diseases and Health Outcomes Registry 2016

#### Oral presentations of own accepted abstracts

1. **Beiki O**, Manouchehrinia A, Hillert J. Accuracy of onset age and prodromal phase of multiple sclerosis in a nationwide cohort in Sweden: a translational study from administrative data to clinical practice. *Multiple Sclerosis Journal.* 2016;22:115.
2. Manouchehrinia A, **Beiki O**, Ramanujam R, Kavaliunas A, Glaser A, Hillert J. Long-term follow-up of initially benign multiple sclerosis patients: results from the Swedish multiple sclerosis register. *Multiple Sclerosis Journal.* 2015;21:719-20.
3. Manouchehrinia A, **Beiki O**, Kavaliunas A, Ramanujam R, Glaser A, Hillert J. Clinical course of childhood-onset multiple sclerosis: results from the Swedish multiple sclerosis register. *Multiple Sclerosis Journal.* 2015;21:94-5.
4. Karimi N, **Beiki O**, Mohammadi Parental Educational level and injury incidence and mortality

- among children: a cohort study with 46 years follow-up. 7th Iranian Congress of Epidemiology, Yasuj, Iran, May 14-15, 2013.
5. Karimi N, Mohammadi R, Beiki O. Injury and migration in Sweden: Incidence of fatal and non-fatal unintentional injuries among children with foreign-born parents comparing to children with Swedish-born parents, 1961-2007. European Congress of Epidemiology, Porto, Portugal, September 5-8, 2012.
  6. Wilczek M, Kalvesten J, Algulin J, Beiki O, Brismar T. Predicting hip fracture risk with hand or wrist radiographs using digital X-ray Radiogrammetry. 39th Annual Congress of the European-Calcified-Tissue-Society (ECTS), Stockholm, Sweden, May 19-23, 2012.
  7. Beiki O, Granath F, Allebeck P, Akre O, Moradi T. Subtype-specific risk of testicular germ-cell tumours among immigrants and their descendants in Sweden, 1960-2007. 21st Meeting of the European Association for Cancer Research, Oslo, Norway, June 26-29, 2010.
  8. Beiki O, Allebeck P, Ekblom A, Moradi T. Prostate and testicular cancers among Swedish residents' men born abroad. 2nd Conference of Migrant Health. Malmo, Sweden, May 24-25, 2008.
  9. Beiki O, Nordqvist T, Allebeck P, Moradi T. The risk of breast and gynecological cancers among immigrant women in Sweden: the effect of age at migration and duration of residence. 15th European conference on public health, 2nd EUPHA Preconference on Migrant Health, Helsinki, Finland, October 10, 2007.

## RESEARCH FUNDING OBTAINED

### External research funding obtained in international or national competition as principal applicant

IARC summer school	International Agency for Research on Cancer (660 EUR)	2012
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### Significant other research funding received (donation, grant in local competition – e.g. ALF project) as principal applicant

Research grant	Karolinska Institutet (100,000 SEK)	2017
Research grant	Karolinska Institutet Foundation Grant (95,000 SEK)	2015
Research grant	Kermanshah University of Medical Sciences (≈5,000,000 SEK, Co-applicant)	2013
Research grant	Karolinska Institutet Foundation Grant (36,700 SEK)	2013
Workshop grant	Cancer Registration Workshop, Kermanshah University of Medical Sciences (≈57,000 SEK)	2013
Research grant	Kermanshah University of Medical Sciences (≈86,000 SEK)	2013
Research grant	Karolinska Institutet Foundation Grant (24,700 SEK)	2013
IARC summer school	International Agency for Research on Cancer (660 EUR)	2012
Young Assistant	National Elite Organization (≈57,000 SEK), Iran	2011

professor		
Postgraduate grant	Institute of Environmental Medicine, Karolinska Institutet (200,000 SEK)	2010
Research grant	Robert Lundberg's memorial foundation (48,200 SEK)	2009
PhD scholarship	Ministry of Health and Medical Education, Iran (4 years full support to study PhD in epidemiology, 900,000 SEK)	2006

### PhD candidates supervised up to the defense of the candidate's doctoral thesis, with the applicant serving as co-supervisor

Dashti Dezayee, MD (Karolinska Institutet, Stockholm, Sweden) 2010-2014

### Supervision of other researchers who have defended a thesis

Main supervisor	Evaluation of prognostic value of Lymph Node Ratio in colorectal patients: a meta-analysis (Thesis for MD)	2013-2014
Co-supervisor	Meta-analysis of the effect of the accelerated versus classic vaccination against Hepatitis B virus (Thesis for medical specialist in infectious disease)	2013
Co-supervisor	Effectiveness of corticosteroids adjuvant therapy in prevention of post-herpetic neuralgia: a meta-analysis (Thesis for medical specialist in infectious disease)	2013
Co-supervisor	Comparison of oral chlorhexidine, Natrium bicarbonate and Normal Saline on the bacterial colonization of tracheal tube: a randomized double blind clinical trial (MSc thesis)	2013

### THESIS EVALUATION

#### External thesis reviewer

Examiner for PhD thesis in International Health	A comparison of overall health between Asians and Australians from European background: A West Australian study of Chronic Disease, Diet & Metabolic Syndrome Risk Factors (Majid Meshkini, Curtin University)	2014
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### EVALUATION OF OTHERS' WORK

#### Evaluator of major research grant applications in local competition

Evaluator of research grant applications in Kermanshah University of Medical Sciences, 2011-2016

#### Editor of scientific journals

Academic Editor	PLOSOne	2017-present
Editor-in-Chief	Basic & Clinical Cancer Research Journal	2015-2017

## Scientific portfolio

Editor	WebmedCentral	2014-present
Editor	Educational Research in Medical Sciences Journal	2012-present
Managing Editor	European Journal of Public Health	2010-2011
Editor	Journal of Injury and Violence Research	2009-present

### Member of an editorial board

International Journal of Epidemiologic Research	2015-present
Basic & Clinical Cancer Research Journal	2013-present
Educational Research in Medical Sciences Journal	2012-present
Journal of Injury and Violence Research	2009-present

### Referee for scientific journals

Pediatrics	2016
Journal of Forensic and Legal Medicine	2016
Annals of Epidemiology	2015
World Journal of Pediatrics	2015
The Journal of Obstetrics and Gynaecology Research	2015
Gynecologic Oncology	2012-present
PLOS One	2012-present
European Journal of Public Health	2011-present
International Journal of Cancer	2011-present
British Journal of Ophthalmology	2009

### Reviewer or advisor for other scientific bodies

Expertise reviewer for the International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

## Teaching portfolio

### SUBJECT AREA COMPETENCE AND CURRENT TEACHING ACTIVITY

Over 1000 hours of teaching in different forms within programs of Epidemiology and Biostatistics in different levels (Bachelor, Master, PhD, MD, and medical specialties) mainly at Kermanshah University of Medical Sciences ([www.kums.ac.ir](http://www.kums.ac.ir)) and KI.

Lecturer	Primary and advanced workshop about Evidence-based medicine to Faculty members of Kermanshah University of Medical Sciences	2011-2014
Lecturer	Principles of Epidemiology to under- and post-graduate students (MSc students of Epidemiology and Bio-statistics and MD students), Kermanshah University of Medical Sciences	2011-2014
Lecturer	Designing and Conducting Health System Research Projects to MSc students of Epidemiology and Bio-statistics and MD and DDS students at Kermanshah University of Medical Sciences	2011-2014
Lecturer	Evidence-based medicine to MD and DDS students at Kermanshah University of Medical Sciences	2012-2014
Lecturer	Basic Medical Statistics to MSc students of Epidemiology, Kermanshah University of Medical Sciences	2013-2014
Lecturer	Problem-based overview of medical statistics, Third (doctoral) level, Karolinska Institutet	2009
Lecturer	Management of peer-review journals Workshop, Cancer Research Centre, Tehran Medical University	2009
Lecturer	Problem-based overview of medical statistics, Third (doctoral) level, Karolinska Institutet	2008
Lecturer	Migration, cancer and social position Seminar, Karolinska Institutet	2008
Teaching Assistant	Logistic regression for Epidemiologists, Third (doctoral) level, Karolinska Institutet	2008
Lecturer	Problem-based overview of medical statistics, Third (doctoral) level, Karolinska Institutet	2007
Lecturer	Introductory SPSS, Yazd Medical University	2002
Lecturer	Designing and Conducting Health System Research Projects, Yazd Red Crescent Society	2002
Lecturer	Designing and Conducting Health System Research Projects, Medical Student Research Centre, Yazd Medical University	1997

### TEACHING IN THE STUDY PROGRAMME

***First-cycle education (Bachelor's)-Kermanshah University of Medical Sciences***

Epidemiology and Public Health, Bachelor of Laboratory Medicine (34 hours)	Spring 2014
Common Disease Epidemiology in Iran, Bachelor of Public Health (34 hours)	Autumn 2013
Principles of Epidemiology, Bachelor of Nursing (34 hours)	Autumn 2013
Principles of Epidemiology, Bachelor of Midwifery (34 hours)	Autumn 2013
Principles of Epidemiology, Bachelor of Public Health (34 hours)	Spring 2013
Principles of Epidemiology, Bachelor of Environmental Health (34 hours)	Spring 2013
Principles of Epidemiology, Bachelor of Nursing (34 hours)	Spring 2013
Principles of Epidemiology, Bachelor of Midwifery (34 hours)	Spring 2013
Epidemiology and Public Health, Bachelor of Laboratory Medicine (34 hours)	Spring 2013
Research Methods in Health Sciences, Bachelor of Public Health (17 hours)	Autumn 2012
Common Disease Epidemiology in Iran, Bachelor of Public Health (34 hours)	Autumn 2012
Principles of Epidemiology, Bachelor of Public Health (68 hours)	Spring 2012
Principles of Epidemiology, Bachelor of Environmental Health (34 hours)	Spring 2012
Principles of Epidemiology, Bachelor of Nursing (34 hours)	Spring 2012
Principles of Epidemiology, Bachelor of Midwifery (34 hours)	Spring 2012
Epidemiology and Public Health, Bachelor of Laboratory Medicine (34 hours)	Spring 2012
Principles of Epidemiology, Bachelor of Public Health (68 hours)	Spring 2011

***Second-cycle education (Master's)-KI***

Methods for studying the distribution of health, Master Program in Public Health Epidemiology (63 hours)	Autumn 2010
Introduction to Public Health Sciences (4.5 hours)	Autumn 2015

***Second-cycle education (Master's)-Kermanshah University of Medical Sciences***

Medical Information Systems, Master of Bio-Statistics (17 hours)	Spring 2013
Principles of Epidemiology, Master of Bio-Statistics (51 hours)	Spring 2013
Principles of Epidemiology, Master of Bio-Statistics (51 hours)	Autumn 2011
Environmental Epidemiology, Master of Environmental Health (34 hours)	Autumn 2011
General Medicine, Master of Bio-Statistics (34 hours)	Spring 2011
Master in Critical Care Nursing (17 hours)	Spring 2014
Master in Critical Care Nursing (17 hours)	Spring 2013

Master in Critical Care Nursing (17 hours)

Autumn  
2012

### ***Third-cycle education (PhD level)-KI***

PhD student, Dashti Ali Mustafa Dzayee, Co-supervisor (40 hours)

2010-2014

Problem Based Overview of Medical Statistics (7 hours)

Spring 2009

Problem Based Overview of Medical Statistics (7 hours)

Autumn  
2008

Logistic Regression for Epidemiologists (23 hours)

Spring 2008

Problem Based Overview of Medical Statistics (10 hours)

Autumn  
2007

### ***Other education--Kermanshah University of Medical Sciences***

Primary Evidence Based Medicine (25 hours)

Spring 2014

Thesis for Doctor of Medicine, Main supervisor (51 hours)

Spring 2014

Thesis for Specialty in Cardiovascular Diseases, Co-supervisor (17 hours)

Spring 2014

Thesis for Doctor of Medicine, Co-supervisor (17 hours)

Spring 2014

Primary Evidence Based Medicine (25 hours)

Autumn  
2013

Thesis for Specialty in Infectious Diseases, Co-supervisor (17 hours)

Autumn  
2013

Thesis for Specialty in Infectious Diseases, Co-supervisor (17 hours)

Spring 2013

Thesis for Doctor of Medicine, Co-supervisor (17 hours)

Spring 2013

### **Form of instruction**

I have experience in many forms of teaching covering from teaching in large and small group of students and within all levels of students (Bachelor, Master, PhD, MD, and medical specialties). My teaching experience includes lectures, workshops, laboratory sessions (for courses within research methods, study plan design and Biostatistics), problem-based teaching, and degree and project works. I have also experience in syllabus designing for the program and courses in Epidemiology, Evidence-Based Medicine and Biostatistics.

### **Teaching assignments**

Course leader and planner of the course Evidence-based medicine

2013-2014

Program director-Master of Epidemiology

2014