



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

DIPARTIMENTO
DI SCIENZE MEDICHE
E CHIRURGICHE



CURRICULUM VITAE

PERSONAL INFORMATION

Nome, Cognome/Name,
Surname

Fereshte Lotfi

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Nazionalità/Nationality

American

Luogo e data di nascita/ Place
and Date of birth

USA

UNIVERSITY DEGREES:

2011: Bachelor of Public Health

2018: Master of Epidemiology

WORK EXPERIENCE

Period: 2025 - Current

Title: Collaborator

Company: Stony Brook University

City: New York

Country: United States

The upper aerodigestive tract, female breast, colorectum and liver cancer incidence and mortality due to alcohol intake:

We applied for a NIH grant in response to PAR-23-254 (Secondary Analysis and Integration of Existing Data to Elucidate Cancer Risk and Related Outcomes) to conduct a study on the relationship

between alcohol consumption and cancer, hosted by Stony Brook University. Its overarching goal is to leverage existing large-scale epidemiological resources to clarify important and understudied aspects of the association between alcohol drinking and cancer, aiming for a more complete understanding of the role of alcohol as a human carcinogen and the burden of disease associated with it.

Period: 2025 - Current

Title: Guest researcher

Company: Stockholm University

City: Stockholm

Country: Sverige

I secured six months of funding from the University of Bologna to study childhood cancer mortality among Swedish migrants, in collaboration with Stockholm University. For this project, I am using data from the SMASH data at the Department of Public Health, under the supervision of Professor Mikael Rostila.

Period: 2023 - current

Title: Research fellow

Company: University of Bologna

City: Bologna

Country: Italy

1-Coordinator/ Data Management and Analysis Specialist

DARE (DigitAI lifelong pRevEntion) is a project funded by the Italian Government to train artificial intelligence (AI)-based models and provide solutions for surveillance, prevention, health promotion and health safety in the general population and in sensitive populations.

The aim of our project is to develop a novel AI tool for identifying novel patterns of risk factors associated with the following outcomes: cancer, cardiovascular disease and cognitive decline. We have completed the data collection process by the end of December 2025.

2-Data Management and Analysis Specialist

Risk assessment and prediction for lung cancer among Iranian population

In this project, I am using the iCARE packages for absolute risk estimation of lung cancer. A key strength of this study lies in the incorporation of unique regional risk factors, such as opium use and waterpipe smoking, into the model (Start July 2025)

3- Coordinator/ Data Management and Analysis Specialist

Immune-Inflammatory Markers of Carcinogenic Exposure among Waterpipe and Cigarette Smokers and Never Users of Tobacco in the Golestan Cohort Study

The original plan involves the analysis of serum samples from Golestan Cohort Study (GCS) participants. These participants were to be selected from those who were alive and cancer-free as of December 2016, and whose urine samples had already been analyzed for biomarker concentrations at the CDC laboratory. The serum samples are stored at the International Agency for Research on Cancer (IARC) in Lyon, France.

The serum samples were shipped to the Laboratory of Precision Biochemistry in Aging and Related Pathologies at the University of Bologna, where the analysis of inflammatory and immune markers takes place. Our analysis will represent the first effort to apply an inflammatory score built on a relatively large number of biomarkers.

Period: 2018 - 2023

Title: Research fellow

Company: Cancer Research Center of Cancer Research Institute of Iran (CRC)

City: Tehran

Country: Iran

Data Management and Analysis Specialist

1-Childhood cancer data was sourced from the national population-based cancer registry in Iran (INPCR). This report represents the most comprehensive study on childhood cancer based on population-based cancer registries in EMRO countries.

Collaborator

1- Multicenter Case-Control Study to Evaluate the Association of Waterpipe Smoking and Esophageal Cancer in Iran (2022- Current).

Project Coordinator

1- Cancer Survival Using Cancer Registry Data in the 10 Provinces of Iran 2019-2022

Period:2014 – 2023

Title: Cardiac Stress Technician

Company: Pardisnoor Medical Imaging Center

City: Tehran

Country: Iran

Period:2014 – 2018

Title: Phlebotomy and Processing Technician

Company: Biodarou Plasma Donation Center, Biotest (Germany)

City: Tehran

Country: Iran

Period: 2011 - 2013

Title: Public Health Specialist

Company: Health and treatment network ,Guilan University of Medical Sciences

City: Lahijan

Country: Iran

Nome e indirizzo del datore di lavoro / Name and address of employer

- University of Bologna, Department for medical and surgical science (DIMEC), Italy
- Cancer Institute, Imam Khomeini Hospital, Keshavarz Blvd, Tehran, Iran.
- Pardisnoor Medical Imaging Center, No , 25th Street , Saadat Abad Ave, Tehran, Iran

Tipo o settore di attività /
Type of business or sector
Funzione o posto occupato /
Occupation or position held

Public University
Research fellow and PhD student

Main activities and
responsibilities

Research

Qualification awarded

Ranked as first among all students on the epidemiology entrance examination for master's degree in 2014

CAPACITÀ E COMPETENZE PERSONALI

Strong analytical and problem-solving abilities developed through data-driven epidemiological research and interdisciplinary collaboration.

FIRST LANGUAGE OTHER LANGUAGES

- Reading skills
- Writing skills
- Speaking skills

Excellent communication and teamwork skills, with experience translating complex health data into actionable insights for public health decision-making.
Persian (Farsi)
Italian
good
elementary
elementary

SOCIAL SKILLS AND SKILLS

- Effective collaboration with multidisciplinary teams in public health projects and research studies.
- Strong interpersonal and communication skills, facilitating cooperation between health authorities, researchers, and community stakeholders.
- Adaptable and culturally sensitive in diverse professional and field environments.

TECHNICAL SKILLS AND COMPETENCES

- Proficient in statistical analysis and epidemiological software (SPSS, Stata, R, python).
- Experienced in data collection, management, and interpretation for cancer surveillance program.
- Knowledge of study design, biostatistics, and public health informatics tools.
- Skilled in GIS mapping and data visualization for epidemiological reporting.

DRIVING LICENSE(S)

No

**TRATTAMENTO DEI DATI
PERSONALI, INFORMATIVA E
CONSENSO**

The Undersigned hereby authorises the recipient to utilize and store the personal sensitive data contained in the attached Curriculum Vitae for the purposes of bilateral Joint research projects and within the framework of the Data protection Act No. 196, dates 30 June 2003 as promulgated by the Italian Government.

✓ Si, acconsento

23.10.2025