In the name of God
Summary of the scientific-research certificate of the faculty members and researchers
Endocrinology and Metabolism Research Institute
Shahid Beheshti University of Medical Sciences

Name: *Maryam* **Family name:** *Mousavi*	**Scopus ID number:** *58602415500*
H-Index: 5	**Total number of citations to articles**: **120** **Number of citations to articles in 2024**: **46**
Total number of research projects: 30 **Number of research projects in the role of executor: 2**	**Total number of articles: 34** **Number of articles by the first author/responsible: 7** **Number of articles in 2024: 15**

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Summary of the scientific-research certificate of the faculty
members and researchers
Endocrinology and Metabolism Research Institute
Shahid Beheshti University of Medical Sciences

1. Personal Information:

Name: *Maryam Mousavi*

Ph.D. in Biostatistics

Email: *Moosavi.biostat@gmail.com*

2- Academic records / training courses

Grade	Duration of study		University name	Country / city of study
	Start	**End**		
Bachelor (BC)	*2008*	*2012*	*Bu-Ali Sina*	*Hamedan, Iran*
Master of science (MSc)	*2013*	*2017*	*Tehran university of medical sciences*	*Tehran, Iran*
Doctor of Philosophy (Ph.D)	*2017*	*2023*	*Tarbiat Modares University*	*Tehran, Iran*

3.Employment Status:

Faculty members and formal researchers			
Contract researchers			
Work start date	**contract type**	**Researcher rank**	**Last upgrade date**
2024.June.19			

4. Educational experience:

4.1. Teaching in short courses / educational-research workshops

No.	Course / workshop title	Date	Organization	Teaching title
1	Methods of biostatistics (8 units)	2020	Tehran Azad University of Medical Sciences	
2	Statistics and probabilities (6 units)	2020		
3	Practical unit of biostatistical methods (2 units)	2021		
4	Working with statistical packages (SPSS) - (2 units)	2021		
5	Working with statistical packages (R) - (2 units)	2022		

5. Research Activities:

5.1. Writing a book / part of a foreign book

No.	Book Title	Publisher / place of publication / year of publication
1	Biostatistics	Scientific Publications of *Sana*

6. Executive records (responsibilities):

No.	Title of responsibility	Organization / Institute	Year
1	*Biostatistics researcher*	*Endocrine and Metabolism Research Center - Shahid beheshti university of medical sciences*	*2021 until now*
2	*Lecturer of Biostatistics*	*Tehran Azad University of Medical Sciences*	*2019 to 2021*
3	*Research statistical consultant*	*Agah Psychology Clinic*	*2018 until now*

7- Academic Awards:

8. Membership in scientific forums and associations:

Member of the Scientific Association of Biostatistics of Iran

9. (Skills (mastering foreign languages, software or device, ...) (with full specifications)

English – B1

Software: *STATA– R – EXCEL – SPSS – AMOS – PLS – PASS - Endnote*

Honors

- Rank 1 in the national entrance examination for Master of Biostatistics in 2013
- The brilliant talent of the Medical Assessment and Education Center and the Ministry of Health

The number of doctoral theses with the position of consultant: 1

❖ **Zahra Namvar** - Environmental Health Doctorate - Shahid Beheshti University of Medical Sciences (1401)
Thesis title: Investigating the relationship between air pollution indicators and menopause age in a population-based cohort study: Tehran glocose and lipid Study

The number of theses of the fellowship course with the position of consultant: 3

❖ **Dr. Narjes Ahmadi** - Obstetrics and Gynecology Specialist Course - Shahid Beheshti University of Medical Sciences (1401)
Thesis title: Investigating the effect of adding the amount of ovarian reserves estimated based on the serum level of antimullerin hormone to the Framingham cardiovascular disease risk estimation tool in predicting cardiovascular events in women: Tehran's glocose and lipid study

❖ **Dr. Elaheh Sheklabadi** - Obstetrics and Gynecology Subspecialty Course - Shahid Beheshti University of Medical Sciences (1402) Dissertation title: Comparison of the incidence of adverse pregnancy outcomes in women with polycystic ovary syndrome and non-diseased women, taking into account the obesity status: Tehran's sugar and lipid study.

❖ **Dr. Amirhossein Shokravi** - Endocrine subspecialty course - Shahid Beheshti University of Medical Sciences (1402)
Thesis title: Investigating the effect of reproductive factors on the relationship between age at menarche and cardiovascular events in women with a history of reproduction: Tehran's glucose and Lipid Study

❖ **Dr. Hamid Rafiei Sadr** - Endocrinology Subspecialty Course - Shahid Beheshti University of Medical Sciences (1403)
Thesis Title: Studying the Relationship between Changes in Estimated Glomerular Filtration Rate and the Risk of Cardiovascular Diseases with Adverse Pregnancy Outcomes: Tehran Lipid and Glucose Study

Publications

1. How individual risk factors affect progression of COVID-19 in Iran? A multi-state modeling approach (2025)
    ***Maryam Mousavi**, Roqayeh Aliyari, Hamidreza Jamaati, Vida Mortezaee, Ebrahim Hajizadeh*
    Iranian Red Crescent Medical Journal, IF=0.4, Q3

2. Cardiovascular disease risk prediction by Framingham risk score in women with polycystic ovary syndrome (2025)
    *M Amiri, **M Mousavi**, M Noroozzadeh, F Azizi, F Ramezani Tehrani*
    Reproductive Biology and Endocrinology, Q1, IF=4.2

3. Investigation of the relationship between air pollution and gestational diabetes (2024)
    *S Nazarpour, A Shokati Poursani, **M Mousavi**, F Ramezani Tehrani*
    Journal of obstetrics and GynaecoloGy, Q4, IF=0.9

4. Polycystic Ovary Morphology, Subclinical Hypothyroidism, and the Cutoff Value of Thyroid-Stimulating Hormone, a Population-Based Study (2024)
    *S Nazarpour, **M Mousavi**, F Ramezani Tehrani*
    Reproductive Sciences, Q2, IF=2.6

5. Efficacy and Safety of 177Lu-PSMA-617 in Combination with Radical Prostatectomy and Bilateral Orchiectomy in Men with Castrate-Sensitive Metastatic Prostate Cancer: A Pilot Study
    *SA Soudmand, S Hoseinzadeh, **M Mousavi**, N Simforoush*
    Urology Journal, Q3 , IF=1.5

6. Exploring the Influence of Age at Menarche on Metabolic Syndrome and Its Components Across Different Women's Birth Cohorts (2024)
    *M Farahmand, **M Mousavi**, F Azizi, F Ramezani Tehrani*
    Endocrinology, Diabetes & Metabolism, Q2, IF=2.7

7. Cardio-Metabolic Risk Profile of Women With Endometriosis: A Population-Based Study (2024)
    *M Saei Ghare Naz, M Noroozzadeh, SN Ardebili, **M Mousavi**, F Azizi*
    Endocrinology, Diabetes & Metabolism, Q2, IF=2.7

8. Impact of adiposity indices changes across the lifespan on risk of diabetes in women: trajectory modeling approach (2024)
    ***M Mousavi**, M Saei Ghare Naz, F Firouzi, F Azizi, F Ramezani Tehrani*
    BMC Public Health, Q1, IF=3.5

9. Association between anti-mullerian hormone and metabolic syndrome: insights from a prospective community-based study (2024)

*M Amiri, **M Mousavi**, M Noroozzadeh, M Farahmand, F Azizi*
BMC Endocrine Disorders, Q3, IF=2.8

10. Adiposity trajectories and cardiovascular disease risk in women: a population-based cohort study with a focus on menopausal status (2024)
*F Firouzi, F Ramezani Tehrani, A Kaveh, **M Mousavi**, F Azizi, ...*
Frontiers in Endocrinology, Q2, IF=3.9

11. Endogenous Estrogen Exposure and Hypertension Risk; A Population-based Cohort Study with About 2 Decades of Follow-up (2024)
*F Ramezani Tehrani, **M Mousavi**, M Saei Ghare Naz, M Noroozzadeh*
The Journal of Clinical Endocrinology & Metabolism, Q1, IF5

12. Association Between Insulin Resistance Indices and Liver Function Parameters Among Women With Polycystic Ovary Syndrome (2024)
*M Saei Ghare Naz, **M Mousavi**, F Firouzi, AA Momenan, F Azizi*
Endocrinology, Diabetes & Metabolism, Q2, IF=2.7

13. To what extent the weight changes impact the risk of hypertension among menopausal women: insights from Tehran lipid and glucose study (2024)
*M Saei Ghare Naz, **M Mousavi**, M Noroozzadeh, M Farahmand, F Azizi, ...*
BMC Women's Health, Q2, IF=2.4

14. Impaired glucose tolerance and insulin resistance in a prenatally-androgenized rat model of polycystic ovary syndrome in later life (2024)
*M Farhadi-Azar, M Noroozzadeh, **M Mousavi**, M Saei Ghare Naz*
Experimental Physiology, Q2, IF=2.6

15. The Association of Prolactin Levels with Risk of Cardiovascular Diseases in Women: A Population-based Study (2023)
*M Saei Ghare Naz, **M Mousavi**, S Amirshekari, F Azizi*
Iranian Journal of Endocrinology and Metabolism , Scopus

16. Association between Polycystic Ovary Morphology and Serum Prolactin Level (2023)
*H Bayat, S Nazarpour, **M Mousavi**, F Ramezani Tehrani*
Iranian Journal of Endocrinology and Metabolism, Scopus

17. Evaluation Factors Affecting on Recurrence, Metastasis, and Survival of Breast Cancer in Iranian Women by Multi-State Model Approach (2023)
***M Mousavi**, E Hajizadeh, A Rasekhi, S Haghighat*
Iranian Journal of Public Health, Q4, IF=1.3

18. Prevalence of Polycystic Ovary Syndrome and Risk Factors among Females with Diabetes: A Population-Based Study (2023)
***M Mousavi**, M Saei Ghare Naz, F Azizi, F Ramezani Tehrani*

Iranian Journal of Endocrinology and Metabolism , Scopus

19. Polycystic ovary syndrome and body image concerns during adolescence (2023)
    MSG Naz, G Ozgoli, **M Mousavi**, *FR Tehrani*
    Journal of Pediatric Nursing , Q2, IF=2.1

20. The association between arterial hypertension and menarcheal age (2023)
    M Farahmand, **M Mousavi,** *AA Momenan, F Azizi, FR Tehrani*
    Maturitas , Q1, IF=3.9

21. Long-term exposure to air pollution and anti-mullerian hormone rate of decline: a population-based cohort study in Tehran, Iran (2023)
    Z Namvar, A Mohseni-Bandpei, A Shahsavani, H Amini, **M Mousavi**
    Environmental Science and Pollution Research, Q1, IF=2

22. Self-reported Male Infertility and Metabolic Disturbance: A Cross-Sectional Study (2023)
    M Farhadi-Azar, MSG Naz, M Ghahremani, **M Mousavi,** *F Azizi*
    International Journal of Endocrinology and Metabolism , Q3 , IF=2.1

23. Does the addition of serum antimüllerian hormone concentrations to the Framingham Risk Score and Pooled Cohort Equations improve the prediction of cardiovascular disease? (2023)
    M Amiri, N Ahmadi, F Hadaegh, **M Mousavi,** *F Azizi, FR Tehrani*
    Menopause, Q1, IF=2.8

24. The relationship of reproductive factors with adiposity and body shape indices changes overtime: findings from a community-based study
    M Amiri, **M Mousavi,** *F Azizi, F Ramezani Tehrani*
    Journal of Translational Medicine, Q1, IF=6.

25. Evaluating women's childbirth experiences: a cross-sectional study from Iran (2023)
    S Kazemi[1], F Pazandeh, SS Mobarakabadi, S Hajian, A Montazeri, **M Mousavi**
    International Journal of Women's Health and Reproduction Sciences, Q3, IF=0.8

26. Association of ambient air pollution and age at menopause: a population-based cohort study in Tehran, Iran (2023)
    *Z Namvar, F Ramezani Tehrani, A Shahsavani, H Amini, F Khodagholi,***M Mousavi**
    Air Quality, Atmosphere & Health Q3, IF=2

27. A meta-analysis of observational studies on prolactin levels in women with polycystic ovary syndrome (2022)
    M Saei Ghare Naz, **M Mousavi,** *F Mahboobifard, A Niknam*
    Diagnostics, Q1 , IF=3

28. Isolation and identification of specific bacteriophage against enteropathogenic *Escherichia coli* (EPEC) and *in vitro* and *in vivo* characterization of bacteriophage (2018)

*A Vahedi, MM Soltan Dallal, M Douraghi, F Nikkhahi, Z Rajabi, M Yousefi, **M Mousavi***
FEMS microbiology letters, Q3 , IF=2.2

31. The role of obesity in increasing the risk of endometriosis in women: a population-based study (2025)

*Marzieh Saei Ghare Naz, **Maryam Mousavi**, Shabahang Amishekari , Fereidoun Azizi, Kobra Nakhoda , Shahla Noori Ardebili, Fahimeh Ramezani Tehrani*
Iranian Journal of Endocrinology and Metabolism, Scopus

*Faegheh Firouzi, Fahimeh Ramezani Tehrani, "Hojat Shaharki, **Maryam Mousavi**, Nahid Moradi*
Journal of the Endocrine Society, Q2, IF=3Cardiometabolic risk factors and hypertension progression in women according to the 2017 ACC/AHA guideline for the detection of high blood pressure: a multi-state modeling approach (2025)
***M Mousavi,** M Amiri, F Azizi, FR Tehrani*
Clinical Hypertension , Q2, IF=2.6
Early menopause in mothers and the risks of pre-diabetes and type 2 diabetes mellitus in female and male offspring: a population-based cohort study
*M Noroozzadeh, **M Mousavi,** MSG Naz, M Farahmand, F Azizi, FR Tehrani*
Reproductive Biology and Endocrinology, Q1, HF=4.2