

## Academic Curriculum Vitae

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### Research Interests:

Neuroendocrinology

Effects of diet on metabolism and endocrine glands

Stress

Pain and inflammation

Educational methods (teaching-learning)

### Education

<u>Year</u>	<u>Degree</u>	<u>Institution</u>	<u>Location</u>
1987- 1991	Bachelor of science (B.S.) in Biology	School of Nursing and Midwifery, Tehran University of Medical Sciences	Tehran, Iran
1991- 1997	Master of science (MS) in Physiology	School of Nursing and Midwifery, Shahid Beheshti University of Medical Sciences	Tehran, Iran
2011- 2016	Ph.D. in Physiology	School of Nursing and Midwifery, Tehran University of Medical Sciences	Tehran, Iran



## Professional Experience and Executive Positions

- Head of Public Relations at the Faculty of Nursing and Midwifery of Shahid Beheshti University of Medical Sciences - from 5/15/1402
- Member of "Selected Committee of Faculty of Nursing and Midwifery" Shahid Beheshti University of Medical Sciences since June 1402 (talked to Dr. Javaheri)
- Member of "Virtual Physiology Educational Group" of Virtual University of Medical Sciences, Summer Semester 1400 for one year
- Member of "Self-evaluation Committee of Physiology Courses" of Shahid Beheshti University of Medical Sciences since Shahrivar 1400
- Member of the "Medicine Faculty Internal Evaluation Committee" of Shahid Beheshti University of Medical Sciences since July 1400 for one year - being renewed for two years
- Member of "Research Council of Faculty of Nursing and Midwifery" Shahid Beheshti University of Medical Sciences since February 2018 for one year
- Member of the "Curriculum Committee of the Education Development Office of the Faculty of Medicine" of Shahid Beheshti University of Medical Sciences (collaboration since Shahrivar 2017-date of issuance of notification 28/4/1400)
- Member of "Iranian Neuroscience Association" - since January 5, 2018- (extension and payment of the new membership fee was done in June 2018)
- Member of "Physiology and Pharmacology Association of Iran" - since November 2017- (extension and payment of the new membership fee was done in June 2014)
- Member of the scientific committee of the first national conference "AIDS from prevention to regeneration" - venue: Shahid Beheshti University of Medical Sciences - 12/2/1384
- Member of the executive committee of the first national conference "AIDS from prevention to recovery" - venue: Shahid Beheshti University of Medical Sciences - 12/2/1384



- Member of the jury committee in the international conference "AIDS from prevention to regeneration" - Venue: Shahid Beheshti University of Medical Sciences - 12/2/1384
- Member of the Scientific Committee of the Conference "Looking at Autoimmune Diseases" - Venue: Shahid Beheshti Nursing and Midwifery School of Medical Sciences - 3/11/1383
- Member of the scientific committee of the student conference "Nutrition's role in promoting health and its clinical application" - Venue: Shahid Beheshti College of Nursing and Midwifery, 2/26/1380
- Secretary of the "Weight Control" Conference - Venue: Shahid Beheshti Nursing and Midwifery School of Medical Sciences 2/13/1378
- Professor, academic adviser for undergraduate students of the Faculty of Nursing and Midwifery, Shahid Beheshti University of Medical Sciences - since August 2015
- Referee and representative of post-graduate education for the thesis of master's degree students in nursing - Faculty of Nursing and Midwifery - Shahid Beheshti University of Medical Sciences - Tehran - Iran
- Reviewing articles for the Journal of Nursing and Midwifery Faculty of Shahid Beheshti University of Medical Sciences-Tehran-Iran
- Reviewing articles for the Journal of Research in Education, Faculty of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran
- Reviewing articles for Personalized Medicine Journal – Iran

## Research- Publications

- 1- Marzieh Nemati, **Roxana Karbaschi**, Homeira Zardooz High-fat feeding combined with chronic psychological stress increased plasma leptin and corticosterone levels and impaired glucose tolerance in male rats. *Journal of Biomedical Research International*. (2023)
- 2- Forouzan Sadeghimahalli, **Roxana Karbaschi**, Mina Salimi, Fariba Khodagholi, Homeira Zardooz. (2019) Pancreatic HB9 protein level is affected by early life stress in young adult rats: possible involvement of TNF- $\alpha$  and corticosterone. *Achieves of Physiology and Biochemistry*. 127 (Issue 5) 406-413 [<https://doi.org/10.1080/13813455.2019.1645699>]
- 3- Roy Ranjbar Saber, **Roxana Karbaschi**, Homeira Zardooz. (2021) Effect of maternal variable stress on oxidative status and glucose metabolism in pubertal male rats. *Koomesh*. 23 (Issue 1) 166-172 [<https://doi.org/10.29252/Koomesh.23.1.166>]
- 4- **Roxana Karbaschi**, Homeira Zardooz. (2019) The effect of high-fat feeding on energy homeostasis in stress adult male rat offspring. *Iranan journal of Endocrinology and Metabolism*. 21(1); 27-36
- 5- **Roxana Karbaschi**, Homeira Zardooz, Fariba Khodagholi, Leila Dargahi, Mina Salimi, Fatemeh Rashidi. (2017) Maternal high-fat diet intensifies the metabolic response to stress in male rat offspring. *Nutrition & Metabolism*. 14(20); [DOI 10.1186/s12986-017-0177-3]
- 6- **Roxana Karbaschi** , Forouzan Sadeghimahalli, Homeira Zardooz . (2016) Maternal HF diet inversely affects insulin sensitivity in dams and young adult male rat offspring. *J Zhejiang Univ-Sci B (Biomed & Biotechnol)*. 17(9):728-732 [[doi.org/10.1631/jzus.B1600131](https://doi.org/10.1631/jzus.B1600131)]
- 7- Forouzan Sadeghimahalli, **Roxana Karbaschi**, Homeira Zardooz. (2015) Effect of early life stress on pancreatic isolated islets' insulin secretion in young adult male rats subjected to chronic stress. *Endocrine*. 48:493–503 [[doi.org/ 10.1007/s12020-014-0337-4](https://doi.org/10.1007/s12020-014-0337-4)]



- 8- **Roxana Karbaschi**, Jaqueline Vartanusian. (2012) Comparing the effects of lecture- demonstration with self-reading methods on learning microscope application and blood tests in nursing students Faculty. *Journal of Nursing & Midwifery*. Shahid Beheshti University of Medical Sciences. 21(75):58–63
- 9- Mohammad Reza Waez Mahdavi, **Roxana Karbaschi**. (2001) Changes in inflammatory response due to formalin injection after capsaicin treatment. *Daneshvar*. 8(32):1-6
- 10- **Roxana Karbaschi**, Ali Khoshbaten, Ali Rea Asgari. (1997) Study of the role of afferent C fibers and cholinergic nerve endings in acute joint inflammation induced by Kaolin in rabbit. *Journal of Kerman University of Medical Sciences*. 4(1):1-7
- 11- Saeed Hajihashemi, Ali Khoshbaten, Ali Rea Asgari, **Roxana Karbaschi**. (1996) The inhibition of Carrageenan induced inflammation by Atropin and Substance P antagonist in rabbit. *Kowsar Medical Journal*. Baghiyatollah (a.s.) University of Medical Sciences. 1(1):1–10

## Books

- 1- **Roxana Karbaschi**. (2003) *Classified category of Basic Physiology*. Publishers of Cultural center of amoozesh.
- 2- **Roxana Karbaschi**. (1993) How to generate human voice. *Roshd, Journal of Biological Education*. 8(32):38–46