



PERSONAL INFORMATION:

Full Name: Reihaneh

Nationality: Nateghi

Academic Level: Assistant professor

Cell: +989113752464

E-mail: Nateghi[at]gau.ac.ir/reihane_nateghi@yahoo.com

EDUCATION:

Postdoctoral

Reproductive Biomedicine Research Center, Royan Institute

Title Project:

"Application of alginate hydrogel using GDNF slow release system for proliferation of mouse spermatogonial stem cells".

Ph.D. Animal Physiology

Gorgan University of Agricultural Sciences and Natural Resources
Gorgan, Iran. Nov. 2018

Dissertation Title:

"Evaluation of laying hen ovarian tissue vitrification on ovarian reserve and some apoptosis genes expression after fish oil and vitamin E consumption"

M.Sc. Animal Physiology

Gorgan University of Agricultural Sciences and Natural Resources
Gorgan, Iran. Sep. 2011.

Thesis Title:

"Effect of Cynara scolymus L. extract on liver histology and blood parameters in broiler chicks"

B.Sc. Animal Science,
Gorgan University of Agricultural Sciences and Natural Resources
Gorgan, Iran. Sep. 2009

RESEARCH INTEREST:

1. Cryopreservation techniques to vitrification and reserve of gonads and cells.
2. Embryo Transfer & Oocyte In Vitro Maturation (IVM) Techniques.

PUBLICATION:

1. Mesenchymal Stem Cell Therapy for Osteoarthritis: Practice and Possible Promises

Journal: Cell Biology and Translational Medicine, 2021; [https:// doi.org/ 10.10075584_2021_695](https://doi.org/10.10075584_2021_695).

Authors: Nahid Nasiri, **Reihaneh Nateghi**, Fatemeh Zarei, Samaneh Hosseini and Mohamdreza Baghaban Eslaminejad.

2. Female Reproductive Health in SARS-CoV-2 Pandemic Era

Journal: International Journal of Fertility and Sterility, 2021; 15, 241-245.

Authors: **Reihaneh Nateghi**, Shahriar Ghashghaei, Maryam Hezavehei, Mahkameh Abbaszadeh, Bita Ebrahimi, Abolhossein Shahverdi, Mehri Mashayekhi, Anastasia Shpichka, Peter Timashev, Mohammad Hossein Nasr-Esfahani, Massoud Vosough.

3. The effects of artichoke aqueous extract on the growth performance, intestinal morphology, and blood metabolites in broiler chickens

Journal: Modern Medical Laboratory Journal 2020; 3(2): 60-68.

Authors: Masoumeh Karimi, Firooz Samadi , Mehdi Ahmadifar, **Reihaneh Nateghi***, Nika Mashhadizadeh

4. Dietary Fish oil and vitamin E reduce cryo-injuries and apoptosis in vitrified laying hens ovarian tissue

Journal: Biopreservation and Biobanking (IF=1.9), 2019; 17 (2), 148.

Authors: **R. Nateghi**, AR. Alizadeh, Y. Jafari Ahangari, R. Fathi, A. Akhlaghi.

5. Stimulatory effects of fish oil and vitamin E on ovarian function of laying hen

Journal: Italian Journal of Animal Science (IF=1.6), 2019; 18, 636-645.

Authors: **R. Nateghi**, AR. Alizadeh, Y. Jafari Ahangari, R. Fathi, A. Akhlaghi.

6. Ethylene Glycol and Dimethyl Sulfoxide Combination Reduces Cryoinjuries and Apoptotic Gene Expression in Vitrified Laying Hen Ovary

Journal: Biopreservation and Biobanking (IF=1.9), 2017; 15 (6), 519-528.

Authors: **R. Nateghi**, AR. Alizadeh, Y. Jafari Ahangari, R. Fathi, A. Akhlaghi.

7. Hepatoprotective effects of *Cynara scolymus* L. extract in CCl₄ induced liver injury in broiler chickens

Journal: International Journal of AgriScience 2013; 3: 678-688.

Authors: **R. Nateghi**, F. Samadi, F. Ganji.

8. Effects of caffeine on increased risk of cardiovascular disease

Journal: Applied Biology (Iranian journal by Farsi), 2016, 5(3): 58-71.

Authors: M. Ahmadi far, N. Vahidi, N. Kalhor, **R. Nateghi**.

9. Study of fertilization and culture of bovine embryos in co-culture Mesenchymal stem cells in rats

Journal: Applied Biology (Iranian journal by Farsi), 2016, 6 (1):1-15.

Authors: M. Ahmadi far, A. Eini, **R. Nateghi**.

Conferences

1. Dietary fatty acids, vitamin E and hen ovarian cryopreservation; apoptotic pathway viewpoints

Conference: The world cryobiology (CRYO2018), 2018, 10-13 July, Madrid, Spain
(Speech)

Authors: **R. Nateghi**, A. Alizadeh, Y. Jafari Ahangari, R. Fathi, A. Akhlaghi.

2. The comparison of different cryoprotectants in laying hen ovarian tissue vitrification

Conference: The world cryobiology (CRYO2017), 2017, 20-23 July, Hefei, China
(Speech)

Authors: **R. Nateghi**, A. Alizadeh, Y. Jafari Ahangari, R. Fathi, A. Akhlaghi

3. The first report on laying hen ovarian tissue vitrification by using different cryoprotectants

Conference: 17th Royan International Congress on Reproductive Biomedicine, 2016, 31 August- 2 September, Tehran, Iran, (Poster)

Authors: **R. Nateghi**, A. Alizadeh, Y. Jafari Ahangari, R. Fathi, A. Akhlaghi.

4. Analysis of Cynara scolymus L. extract on growth performance and broiler chickens' carcass characteristics

Conference: 1st congress of modern agricultural sciences and technologies, 2011, Zanjan, Iran, (Poster)

Authors: **R. Nateghi**, F. Samadi, S. Zerehdaran, M. Shams Shargh, S. R. Hashemi
(Poster)

5. **Effect of artichoke leaves extract on blood metabolites in broiler chicken.** 1st Iranian National seminar of livestock and poultry management on tropical, 2011, Kerman, Iran, (Poster)

Authors: **R. Nateghi**, F. Samadi, S. Zerehdaran, M. Shams Shargh and S. R. Hashemi.

Books:

- 1- **Translated a book by title “Essential Cell Biology” (5th edition).**

Translators: SH. Mastani nejad, Z. GHezel Ayagh, N. Nasiri, S. Vahdat, N. Parvini, MH. Hadadi, **R. Nateghi**. Under the supervision: H. Bagarvand

- 2- **Translated a book by title “Principles of Neural Science” (5th edition).**

Translators: M. Ahmadi far, N. Vahidi, M. Rezazadeh, **R. Nateghi**, AR. Yousefzadeh.

- 3- **Translated a book by title “Diminished Ovarian Reversed and Assisted Reproductive Technologies”.**

Translators: M. Ahmadi far, M. Rezazadeh, **R. Nateghi**, M. karimi, N. Sahraei.

- 4- **Translated a book by title “Mechanism of Human Joints”.**

Translators: M. Rezazadeh, O. Naeimi, **R. Nateghi**, SH. Moradi.

ACADEMIC TEACHING EXPERIENCE:

Level of B.Sc. in Gorgan University of Agricultural Sciences and Natural Resources

1. Reproduction technologies in poultry
2. Animal husbandry of Iran

Level of B.Sc. and Diploma+ in Payame Noor and Azad Universities

1. Reproductive Physiology
2. Anatomy and Physiology of Domestic Animals
3. Anatomy and Physiology of Poultry
4. Laying hens breeding operation

5. Management incubation units
6. General Zoology
7. Principles of Animal Nutrition
8. Genetics and Animal Breeding
9. Animal testing plan

SERVICE AND PROFESSIONAL MEMBERSHIP:

1. The world cryobiology 2018, 10-13 July, **Madrid** (As student chair).
2. The 2nd symposium of cryobiology and biobanking. February 14, 2018. Royan Institute, Tehran- Iran.
3. 1st National and 3rd Royan Scientific Presentation Contest. 12th January 2017. Royan Institute, Tehran- Iran.
4. The 7th Royan international summer school: Interdisciplinary Science for Tomorrow's Medicine. 23-28 July, 2016. Royan Institute, Tehran- Iran.
5. 16th Royan International Congress on Reproductive Biomedicine. September 2-4, 2015. Royan Institute, Tehran- Iran.
6. Science Education Course (Teaching of Stem Cell All) 2015. Royan Institute, Tehran- Iran.

Participation in Congress

1. The 2nd Symposium of Cryobiology and Biobanking. February 14, 2018. Royan Institute, Tehran- Iran.
2. Premature Ovarian Failure Symposium, 5 January 2018. Royan Institute, Tehran- Iran.
3. Infertility Therapy Symposium. 30 November, 2017. Royan Institute, Tehran- Iran.

4. 16th Royan International Congress on Reproductive Biomedicine. September 2-4, 2015. Royan Institute, Tehran- Iran.
5. 17th Royan International Congress on Reproductive Biomedicine, 31 August- 2 September, 2016. Royan Institute, Tehran- Iran.

AWARDS:

- Received a grant for a post-doctoral project from the working group of medical sciences entitled "Application of alginite hydrogel using the slow release system of GDNF for the proliferation of mouse spermatogonial stem cells" from Iran National Science Foundation (INSF).
- Winning the title of the best thesis in the 18th national thesis festival of the student year 2019.

LANGUAGES:

- English



Gorgan University of Agricultural
Sciences & Natural Resources