



Curriculum vita

Last update: 1th, August, 2019

Soheila Pourmasumi

E-mail: Pourmasumis871@yahoo.com

Tel: (+98) 34-34280086

Post code: 8916877391

Address: Research and Education center, Moradi Hospital, Shohada Street, Rafsanjan, Iran.

Sex: Female | **Date of Birth:** 5/05/1979 | **Nationality:** Iranian | **Marital status:** Married

Languages: **Persian:** Excellent (Native) | **English:** Good

Qualification

1) February 2011-October 2016: PhD of Reproductive biology, Shahid Sadoughi University of Medical Science, Yazd, Iran.

Thesis Title: “*Evaluation the effects of antioxidants on sperm chromatin in recurrent pregnancy loss.*” Iran. (Mark: 17.90/20, Thesis Mark: 19.88/20).

Supervisor: Prof Ali Reza Talebi (prof_talebi@hotmail.com).

2) October 2008- February 2011: MSc of Anatomy, Mashhad University of Medical Science, Mashhad, Iran.

Thesis Title: “*Evaluation of Angi Pars (Semelil) on spermatogonia cell in acute diabetic rat.*” Iran. (Mark: 17.50/20, Thesis Mark: 18.25/20).

3) **February 2004- February 2006:** Bachelor of Radiology, Tehran University of Medical Science, Tehran, Iran.

4) **October 2000- October 2002:** Associate of Radiology Technology, Rafsanjan University of Medical Science, Rafsanjan, Iran.

Published full text journal papers in English

1) **Pourmasumi S**, Khoradmehr A, Rahiminia T, Sabeti P, Talebi AR, Ghasemzadeh J. *Evaluation of sperm chromatin integrity using aniline blue and toluidine blue staining in infertile and normozoospermic men*. Journal of reproduction & infertility. 2019 Apr;20(2):95.

2) **Pourmasumi S**, Nazari A, Fagheirelahee N, Sabeti P. *Cytochemical tests to investigate sperm DNA damage: Assessment and review*. Journal of Family Medicine and Primary Care. 2019 May;8(5):1533.

3) Nazari A, **Pourmasumi S**, Abedinzadeh M. *Determination of Anogenital Distance (AGD) in term and healthy male neonates. A cross sectional study*. Focus On Medical Sciences Journal. 2018 Aug 12;4(03).

4) Hasani PA, Mirzabeigi M, Mokhtaree M, **Pourmasumi S**. *Evaluation of liver enzymes in people undergoing methadone maintenance therapy*. Focus On Medical Sciences Journal. 2018 May 5;4(2).

5) **Soheila Pourmasumi** , Nasrin Ghasemi , Ali Reza Talebi, Mehrnaz Mehrabani, Parvin Sabeti. . *“The Effect of Vitamin E and Selenium on Sperm Chromatin Quality in Couples with Recurrent Miscarriage”*. International Journal of Medical Laboratory, (2018) 5 (1), 1- 10.

6) Taravat Fallah Tafti, Maryam Yasaei, Razieh Dehghani-Firouzabadi, Maryam Eftekhari, Mohammad Mahdavi-Firoozabadi, **Soheila Pourmasumi***. *“Evaluation of the Appropriate Size of Follicles on Success Rate in Patient Undergoing Controlled Ovarian Stimulation and Intrauterine Insemination Cycles”*. Journal of Advanced Medical Sciences and Applied Technologies, (2017) 3 (2), 101-108

7) **Soheila Pourmasumi**, Parvin Sabeti, Tahereh Rahiminia, Esmat Mangoli, Nasim Tabibnejad, Ali Reza Talebi. *“The etiologies of DNA abnormalities in male infertility: An assessment and review”*. International Journal of Reproductive BioMedicine, (2017) 15 (6), 331-340.

8) Parvin Sabeti, Fardin Amidi, Seyed Mahdi Kalantar, Mohammad Ali Sedighi Gilani, **Soheila Pourmasumi**, Atefeh Najafi, Ali Reza Talebi. *“Evaluation of intracellular anion superoxide level, heat shock protein A2 and protamine positive spermatozoa*

percentages in teratoasthenozoospermia". International Journal of Reproductive BioMedicine (2017) 15 (5), 279-286.

9) Parvin Sabeti, Soheila Pourmasumi, Tahereh Rahiminia, Fatemeh Akyash, Ali Reza Talebi. "*Etiologies of sperm oxidative stress*". International Journal of Reproductive BioMedicine (2017) 14 (4), 231-240.

10) Soheila Pourmasumi, Mehrdad Mostaghaci, Parvin Sabeti, Nahid Ardian. "*Knowledge of Infertile Couples about Assisted Reproductive Technology in Iran*". Women's Health & Gynecology. (2016) 2 (3), 24-29.

11) Maryam Eftekhari, Soheila Pourmasumi*, Parvin Sabeti, Fatane Mirhosseini. "*Relation of second hand smoker and effect on pregnancy outcome and newborns parameters*". Women's Health & Gynecology. (2016) 2 (2), 22-28.

12) Maryam Eftekhari, Soheila Pourmasumi*, Parvin Sabeti, Abbas Aflatoonian, Mohammad Hasan Sheikhha. "*Mycobacterium tuberculosis infection in women with unexplained infertility*". International Journal of Reproductive BioMedicine. (2015) 13 (12), 749-756.

13) Mohammad Reza Moein, Mahmoud Reza Moein, Jalal Ghasemzadeh, Soheila Pourmasoumi. "*Evaluation of sperm retrieval rate with bilateral testicular sperm extraction in infertile patients with azoospermia*". International Journal of Reproductive BioMedicine. (2015) 13 (11), 711-714.

14) Maryam Eftekhari, Farnaz Mohammadian, Robab Davar, Soheila Pourmasumi*. "*Comparison of pregnancy outcome after letrozole versus clomiphene treatment for mild ovarian stimulation protocol in poor responders*". International Journal of Reproductive Medicine. (2014) 12 (11), 725-730.

15) Maryam Eftekhari, Elham Rahmani, Soheila Pourmasumi*. "*Evaluation of clinical factors influencing pregnancy rate in frozen embryo transfer*". International Journal of Reproductive Medicine. (2014) 12 (7), 513-520.

16) Maryam Eftekhari, Soheila Pourmasumi*, Leila Motamed Zadeh. "*Coexisting pelvic tuberculosis and endometriosis presenting in an infertile woman: Report of a rare case*". International Journal of Reproductive Medicine. (2014) 12 (6), 439-443.

17) Maryam Eftekhari, Soheila Pourmasumi, Mojgan Karimi-Zarchi. "*Preservation of ovarian function during chemotherapy and radiotherapy in young women with malignancies*". Iranian journal of reproductive medicine . (2014) 12 (6), 377-344.

15) Saeid Esmail Abad GHasemi, Mohammad Ali Khalili, Ali Nabi, Iman Halvaei, Soheila Pourmasumi. "*The effect of pentoxifylline on human sperm parameters and DNA integrity—An in-vitro study*". JOURNAL OF CELL & TISSUE 5 (2014) (3), 281-287.

- 16) Mohammad hosein Razi, Yasamin Razi, Parvin Sabeti, Saeed Ghasemi-Esmailabad, Soheila Pourmasumi*. “*Correlation between women age and oocyte quality, embryo formation and pregnancy outcomes in assisted reproductive technology cycles: A retrospective analysis*”. Journal of Infertility and Reproductive Biology. (2014) 2 (4), 108-114.
- 17) Nastaran Aflatoonian, Soheila Pourmasumi, Abbas Aflatoonian, Maryam Eftekhari. “*Duration of storage does not influence pregnancy outcome in cryopreserved human embryos*”. Iranian journal of reproductive medicine . (2013) 11 (10), 843-848.
- 18) Maryam Eftekhari, Soheila Pourmasumi, Mohammad-Hossein Razi. “*Efficacy of rescue ICSI after total fertilization failure in conventional IVF*”. Journal of Infertility and Reproductive Biology. (2013) 1 (2), 58-63.
- 19) Mohammad Mohsen Taghavi, Ali Reza Mahmoudian, Soheyla Pourmasumi, Hamid Reza Jafari Naveh, Seyed Hasan Alavi. “*The Effect of Angi Pars as an Herbal Medicine on Sperm Count and the Ratio of Testis Weight to Body Weight in Diabetic Rats*”. Journal of Mazandaran University of Medical Sciences. (2011) 21 (81), 69-75.

Follow me:

1. PubMed: <https://www.ncbi.nlm.nih.gov/pmc/?term=Soheila+pourmasumi>
2. ORCID: <https://orcid.org/0000-0003-1028-2825>
3. Researcher ID: <https://publons.com/researcher/1882598/soheila-pourmasumi/>
4. Scopus: <https://www.scopus.com/authid/detail.uri?authorId=56442584500>
5. Google scholar: <https://scholar.google.com/citations?hl=en&user=d6z0NAUAAAAJ>

Under review Articles:

- 1) Maryam Eftekhari, Elham Sadat Mirhashemi, Behnaz Molae, Soheila Pourmasumi*. **Is there any association between vitamin D levels and polycystic ovary syndrome (PCOS) phenotypes?** Archives of Endocrinology and Metabolism.
- 2) Atiyeh Javaheri, Katayoon Kianfar, Soheila Pourmasumi, Maryam Eftekhari. **The Role of Plasma-Rich Platelet (PRP) in Controlling Asherman’s Syndrome.** Iranian journal of reproductive biomedicine.
- 3) Soheila Pourmasumi, Parvin Sabeti, Nasrin Ghasemi. **Male Partner testing in a Couple with Recurrent Pregnancy Loss; Assessment and review.** Iranian journal of reproductive biomedicine.

- 4) **Soheila Pourmasumi**, Parvin Sabeti. **Comparison of assisted reproductive technology (ART) outcomes between fasting during Ramadan, pre and post Ramadan patients; a retrospective study.** Iranian Journal of Basic Medical Sciences.
- 5) **Soheila Pourmasumi**, Parvin Sabeti, Ali Reza Talebi. **Antioxidant supplements assessment on Sperm chromatin quality in recurrent miscarriage patients; a clinical trial study.** Journal of urology

Peer-Reviewed International & national Conference Presentation and Proceeding
--

A) Poster presentation

- 1) S Ghasemi-Esmailabad, M Eftekhar, **S Pourmasumi**, Rajabi Firoozabadi Sh, P Sabeti. *“The effect of ovarian drilling on poly cystic ovary syndrome (PCOS) women”*. 5th Yazd International Congress and Student Award in Reproductive Medicine, Yazd, Iran 2013.
- 2) **Soheila Pourmasumi**, Mohammad Ali Khalili, Masoumeh Golestan. *“Knowledge of Infertile Couples about Assisted Reproductive Techniques. National congress of ethics and new methods for infertility treatment”*. Jahrom, Iran. 2012
- 3) **Soheila Pourmasumi**. *“Effect of Semelil on testis of diabetic rats”*. 9th national congress of anatomy. Hamedan, Iran. 2011
- 4) Mohammad M Taghavi, Soheila Pourmasumi. *“Evaluation the effects of Semelil on apoptosis of hippocampal neurons of chronic diabetic rat”*. 5th Congress of FAONS & XXVIII Annual Meeting of IAN. India 2010.

B) Oral presentation

- 1) **Soheila Pourmasumi**. *“Ethics in organ transplantation and tissue research”*. 1th national congress of ethics in medical researches. Yazd, Iran. 2013..
- 2) Mohammad Reza Moein, Jalal Ghasemzadeh, **Soheila Pourmasoumi**. *“Bilateral diagnostic testis biopsy. Is it necessary in all azoospermic patients? ”*. International congress of infertility, Tabriz, Iran. 2013.
- 3) **Soheila Pourmasumi**. *“Effect of Semelil on proliferation and apoptosis in spermatogonia line of diabetic rats”*. 10th national congress of anatomy. Gilan, Iran.

4) 2012 Soheila Pourmasumi. "Evaluation of two methods of anatomy teaching in medical students". 8 th national congress of anatomy. Tabriz, Iran. 2010.

Academic Research Project

1) Project Senior Research Associate: Soheila Pourmasumi, Alireza Nazari. *The Effect of Vitamin D on sperm parameters and hormonal profile of infertile men*. Non-Communicable Diseases Research Center, Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 2018.

2) Project Senior Research Associate: Soheila Pourmasumi, Alireza Nazari. *Evaluation of hormonal profile, sperm parameters and pregnancy outcome in couples with unexplained infertility referred to Urology clinic of Rafsanjan University of medical sciences after Human Menopausal Gonadotropin (HMG) therapy in 2019*. Non-Communicable Diseases Research Center, Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 2018.

3) Project Senior Research Associate: Soheila Pourmasumi, Alireza Nazari, *The relationship between consumption of piscacidine and sperm parameters and hormonal profile in patients referred to rheumatology clinics in 2019*. Non-Communicable Diseases Research Center, Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 2018.

4) Project Senior Research Associate: Soheila Pourmasumi, Alireza Nazari, *Definition and comparison of testosterone hormone level, anogenital distance, and sperm parameters in infertile and fertile men referring to Urology Clinic of Rafsanjan University of Medical Sciences in 2019*. Non-Communicable Diseases Research Center, Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 2018.

5) Project Senior Research Associate: Maryam Eftekhari, Soheila Pourmasumi. *Investigation of religiosity and marital conflicts in infertile women referring to Yazd Infertility Center*. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2016.

6) Project Senior Research Associate: Arezoo Khoradmehr, Soheila Pourmasumi. "The Effect of Titanium Dioxide Nanoparticles on Mice Sperm Chromatin and Sex Hormone of Male and Female". Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2015.

7) Project Senior Research Associate: Prof. Ali Reza Talebi, Soheila Pourmasumi. "Evaluation of

sperm's chromatin quality with aniline blue and toluidine blue staining in fertile and infertile patients". Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2015.

8) Project Senior Research Associate: **Soheila Pourmasumi**, Maryam Eftekhar. *Evaluation of relation between religious attitude and depression in infertile couples referring to Yazd Infertility Center*. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2014.

9) Project Senior Research Associate: Mohammad reza Moein, **Soheila Pourmasumi**.: *"Evaluation of sperm retrieval rate with bilateral testicular sperm extraction in infertile patients with azoospermia"*. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013

10) Project Senior Research Associate: **Soheila Pourmasumi**, Prof. Ali Reza Talebi. *Evaluation the effects of antioxidants on sperm chromatin in recurrent pregnancy loss*. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013.

11) Project Senior Research Associate: **Soheila Pourmasum**. *"Knowledge of Infertile Couples referring to yazd Research and Clinical Center for Infertility, about Assisted Reproductive Technology"*. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2012.

12) Project Research Associate: **Soheila Pourmasumi**. *Morphin effects on rat ovary*. Research and Clinical Center for Infertility, Mashhad University of Medical Sciences, Yazd, Iran, 2009.

Lectures:

1) Lecture entitled: *"Medical ethics"* in Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 2018.

2) Lecture entitled: *"lifestyle and infertility"* in Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013.

3) Lecture entitled: *"effects of antioxidants on sperm chromatine quality"* in Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2012.

4) Lecture entitled: *"Effect of Herbal Medicine on Infertility"* in Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2012.

Teaching Experiences:

- 1) Teaching “*General & Special Embryology Laboratory*” Ph.D. Students, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, from 2013 to 2014.
- 2) Teaching “*Special Embryology*” to Ph.D. Students, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, from 2013 to 2013.
- 3) Teaching “*Anatomy*” to MD Students, Mashhad University of Medical Sciences, Mashhad, Iran, from 20010 to 2011.
- 4) Teaching “*Histology*” to MD and Midwifery Students, Mashhad University of Medical Sciences, Mashhad, Iran, from 2009 to 2010.

Professional Experiences:

A) Management

- 1) A Member of *contemplative Committee* of Research & Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2014 to 2016.

B) Scientific Experiences

- 1) Jury Board of “*8th Innovation competition for students*”, Science & Technology Park, Yazd, Iran, November 2016.
- 2) Jury Board of “*7th Innovation competition for students*”, Science & Technology Park, Yazd, Iran, November 2015.

C) Executive Experiences

- 1) A Member of Executive Committee, *15th National congress in medical educating and Shahid Motahari Symphosiom*. Yazd, Iran, 2014
- 2) Executive director. “*Medical Research Ethics*”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013.
- 3) A Member of Executive Committee, “*7th Neurogenetic Congress*”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013.
- 4) A Member of Executive Committee, “*Fertility Preservation Congress*”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013.
- 5) A Member of Executive Committee, “*4th Yazd International Congress and Student Award in Reproductive Medicine*”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2011.

Attended Workshops:

- 1) “*How to read a systematic review*”, Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 2019.
- 2) “*Ovary Cryopreservation*”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2015 & 2013.
- 3) “*Paper Writing Workshop*”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2012.
- 4) “*Quality Control Workshop*”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2012.
- 5) “*Culture & Freeze of Mesenchymal Stem Cells Workshop*”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2012.

- 6) “***In Vitro Maturation of Human Oocytes***”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2010.
- 7) “***Sperm preparation***”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2010.
- 8) “***Endnote Workshop***”, EDC, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2010.
- 9) “***Question design Workshop***”, EDC, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2010.
- 10) “***FISH Workshop***”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2010.

Congress attendants:

- 1) “***7th Yazd International Congress and Student Award in Reproductive Medicine***”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2017.
- 2) “***6th Yazd International Congress and Student Award in Reproductive Medicine***”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2015.
- 3) “***3th National Symposium on the biology of reproduction***”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2014.
- 4) “***Medical Research Ethics Symposium***”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013.
- 5) “***5th Yazd International Congress and Student Award in Reproductive Medicine***”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013.
- 6) “***Fertility Preservation Congress***”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013.
- 7) “***7th Neurogenetic Congress***”, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2013.
- 8) “***2th National Symposium on the Biology of Reproduction***”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2012.
- 9) “***13th Royan International Congress on Reproductive Biomedicine***”, Tehran, Iran 2012.

- 10) “*4th Yazd International Congress and Student Award in Reproductive Medicine*”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2011.
- 11) “*1th National Symposium on the biology of reproduction*”, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2010.

Career Honors & Awards

- 1) *First Top Poster Presentation, “Knowledge of Infertile Couples about Assisted Reproductive Techniques. National congress of ethics and new methods for infertility treatment”*. Jahrom, Iran. 2012

Laboratory skills

- ❖ ICSI
- ❖ IVF
- ❖ IVM in mouse
- ❖ Embryo Transfer
- ❖ Sperm Wash
- ❖ Vasectomy in mouse
- ❖ Ovariectomy & Tubectomy in mouse
- ❖ Mouse & Rat handling & manipulation
- ❖ Mouse & Rat Anesthesia & Surgery
- ❖ Immuno-Cytochemistry Staining
- ❖ Immuno-Histochemistry Staining
- ❖ Vitrification
- ❖ Sperm Analysis in Human & Mouse
- ❖ Andrology Tests
(Aniline Blue, Toluidine Blue,
Tunnel Assay, Acridine Orange,
Papanocoula, Eosin-Nigrosin Staining,
- ❖ Chromomycin A₃)
- ❖ Tissue & Cell Tunnel Staining

- ❖ Research design & analysis

Research interest:

- ❖ Reproductive Medicine
- ❖ Andrology
- ❖ Recurrent Miscarriage
- ❖ Infertility

Software skills:

- ❖ Word, PowerPoint, PDF.
- ❖ Photoshop
- ❖ Endnote
- ❖ Reference Manager
- ❖ SPSS
- ❖ ImageJ

Hobbies:

Poem and novel reading, walking, Playing Badminton, Cycling, Claiming, And Traveling.

References:

- ❖ **Professor Abas Aflatoonian.** Professor of Infertility. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran. (Email: abbas_aflatoonian@yahoo.com)
- ❖ **Professor Seyed Mehdi Kalantar.** Professor of Genetic and Pre-natal Diagnosis. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran. (Email: kalantarsm@ystp.ac.ir)

- ❖ **Professor Ali Reza Talebi.** Professor of Reproductive Biology. Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran.
(Email: prof_talebi@hotmail.com).
- ❖ **Dr. Maryam Eftekhar.** Professor of Infertility, Research and Clinical Center for Infertility, Shahid Sadoughi University of Medical Sciences, Yazd, Iran.
(Email:eftekharmaryam@yahoo.com).
- ❖ **Dr. Parvin Sabeti.** PhD of Reproductive Biology. Department of Anatomical Sciences, Kurdistan University of Medical Sciences, Sanandaj, Iran. (Email:yazdivf@yahoo.com).