

## Shahin Ghazali



### University address:

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## Education

<b>2008-2015</b>	<b>Yazd Reproductive Sciences Institute</b> Research and Clinical Center for Infertility Shahid Sadoughi University of Medical Sciences	<b>PhD</b> in Reproductive Biology
<b>1990-1993</b>	<b>School of Medicine</b> Isfahan University of Medical Sciences	<b>MSc</b> in Histology
<b>1985-1990</b>	<b>School of Health Sciences</b> Isfahan University of Medical Sciences	<b>BS</b> in Public Health

## Employments

<b>2015- present</b>	<b>IVF lab director and senior embryologist</b> Shafa Hospital at Khorramabad
<b>1998-Present</b>	<b>Faculty member</b> Azad University, Sanandaj Branch
<b>1994-1998</b>	<b>Faculty member</b> Isfahan University of Medical Sciences

## Management records

<b>Vice-chancellor for research</b>	Azad University, Sanandaj Branch	2.5 years
<b>Head of Nursing and Midwifery School</b>	Azad University, Sanandaj Branch	5 years
<b>Executive Vice-chancellor</b>	Iranian Society of Embryology and Reproductive Biology	From April 2018

## Publications

- **(2017) Cleavage-stage embryo micromanipulation in the clinical setting**  
Halvaei I, Ghazali S, Nottola SA, Khalili MA.
- **(2016) Clinical outcome of assisted reproductive technologies in advanced age**  
Marjan Omidi a , Iman Halvaei b , Mohammad Ali Khalili, Shahin Ghazali , Somayyeh Tahajjodi , Parvin Sabeti
- **(2016) The quality of sperm preparation medium affects the motility, viability, and DNA integrity of human spermatozoa,** Fatemeh Anbari, Iman Halvaei, Ali Nabi, Shahin Ghazali, Mohammad Ali Khalili, Lars Johansson. Journal of Human Reproductive Sciences, Year : 2016 | Volume : 9 | Issue : 4 | Page : 254-258
- **(2016) Performing ICSI with commercial microinjection pipettes enhanced pregnancy rates,** Mohammad Ali Khalili, Iman Halvaei, Shahin Ghazali , Mohammad Hossein Razi.
- **(2015) Large nuclear vacuoles in spermatozoa negatively affect pregnancy rate in IVF cycles.** Ghazali Sh. et al (2015) , Iran J Reprod Med Vol. 13. No. 7. pp: 425-432, July.
- **(2014) Effect of vitrification on high magnification morphology of human spermatozoa cells,** Taherzadeh S , Khalili MA, Anvari M, Agha-Rahimi A , Ghazali S. Iranian Journal of Reproductive Medicine.
- **(2004) A new theory about cardiac looping: oppositional axial rotation of inflow and outflow of the endocardial heart tube.** Ghazali Sh. , Cardiovascular pathology May–June, Volume 13, Issue 3, Supplement, Page 64

## Conference attended

### Oral presentation

- April 17- 19, 2015, Yazd, Iran. **6th International Congress & Student Awards in Reproductive Medicine**

### Poster presentations

- July 1-4, 2017, Geneva, Swiss. **ESHRE2017**
- April 19- 21, 2013, Yazd, Iran. **5th International Congress & Student Awards in Reproductive Medicine**
- September 22, 2012, Yazd, Iran. **Reproductive Biology Symposium**
- August 30-September 1, 2012, Isfahan, Iran. **The first national Seminar of educational Methods in Biomedical sciences**
- June 30-July 3, 2005, Palermo, Italy. **The 8th Congress of the European Association of Clinical Anatomy (EACA).**
- August 22-24, 2004, Kyoto, Japan. **The 16th International Congress of the International Federation of Associations of Anatomists (IFAA).**

## Awards

**3<sup>rd</sup> Prize- 6th International Congress & Student Awards in Reproductive Medicine**

## Research experiences

- PhD dissertation entitled: Impact of Morphological parameters at high magnification, nuclear structure and ultrastructure of sperm on ART outcome in infertile men
- 3D modeling of fertilization
- 3D computer reconstruction of rat liver embryo
- 3D modeling of heart development
- Preparing atlas of embryology

## Skills and professional training

### Assisted reproductive techniques

More than six years experience in all ART field including:

- IUI, IVF, ICSI, IMSI
- Embryo culture, embryo biopsy
- Embryo freezing, sperm freezing
- Sperm preparation, sperm analysis, Motile Sperm Organelle Morphology Examination (MSOME)
- Quality control & quality assurance
- TESE sample processing and freezing
- Cell culture
- Stem cell culture

### Imaging

- High magnification of sperm, Embryo imaging, zona birefringence, polscope

### TEM

- Fixation, Dehydration, Resin embedding

### Histological preparations

- Fixation, embedding, sectioning, staining

### Computer

- Words, PowerPoint
- 2D & 3D Modeling, animation and simulation
- SPSS
- Graphics

### Art

- Drawing, graphics and calligraphy
- Medical illustration

## Teaching Experiences

### Undergraduate students

- Medical embryology, Histology, General anatomy
- Female genital pathology, Reproductive physiology
- Medical terminology

### Postgraduate students

- Clinical embryology
- Intra-cytoplasmic Morphologically Selected Sperm Injection (IMSI)
- MSOME and its criteria

## Professional Memberships

- Membership in European Society of Human Reproduction and Embryology
- Membership in Iranian Society of Embryology and Reproductive Biology
- Membership in Iranian Calligraphists

## References

### Prof. Mohammad Ali Khalili PhD

- Professor, Dept of anatomy  
Director of Embryology Lab, Yazd Research and Clinical Center for Infertility, ShahidSadoughi University of Medical Sciences, Yazd, Iran
- Email: khalili59@hotmail.com
- Tel: +98 913 3570876

### Dr. Ali Reza Talebi PhD

- Associate Professor, Dept of anatomy  
Director of Andrology Lab, Yazd Research and Clinical Center for Infertility, ShahidSadoughi University of Medical Sciences, Yazd, Iran
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### Dr. Navid Esfandiari PhD

- Associate Professor, Dept of Ob-Gyn,  
Director of Human Embryology and Andrology Lab, Dartmouth-Hitchcock Medical Center, One Medical Drive, Lebanon, NH 03756
- Email: Navid.Esfandiari@hitchcock.org
- Tel: (603) 653-9240