

# Guluzar Arzu Turan, MD

**Fertility Preservation and Reproductive Late Effects  
Research Director  
Department of Ob/Gyn  
Division of Academic Specialists**

[guluzar.turan@cuanschutz.edu](mailto:guluzar.turan@cuanschutz.edu)

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## **Certification and Licensure:**

Licentiate of Medical Council of Canada	2023-present
Medical Practitioner, Medical & Dental Council of Nigeria	2020- 2021
IVF Certification, Republic of Turkey Ministry of Health	2013- 2018
Specialization in Obstetrics and Gynecology, Republic of Turkey Ministry of Health	2004-present
Medical Doctor, Republic of Turkey Ministry of Health	1998-present

## **Professional Memberships:**

General Member, Colorado Clinical & Translational Sciences Institute (CCTSI)	2024-present
General Member, Society of Clinical Research Associates (SOCRA)	2024-present
General Member, ASRM (American Society for Reproductive Medicine).	2024-2025
General Member, ESHRE (European Society of Human Reproduction and Embryology)	2014-2016
General Member, TSRM (Turkish Society of Reproductive Medicine)	2014-present
General Member, ASRM (American Society for Reproductive Medicine).	2013-2016
General Member, Turkish Assoc. of Urogynecology and Pelvic Reconstructive Surgery	2012-present
General Member, Gynecological Endoscopy Association, Turkey.	2012-present
General Member, TJOD (Turkish Society of Obstetrics and Gynecology)	2005-present

General Member, Turkish Medical Association	2004-present
General Member, ASRM (American Society for Reproductive Medicine)	2004-2005
General Member, ESHRE (European Society of Human Reproduction and Embryology)	2004-2005

## **Honors and Awards**

- 2015 Award: 13th TJOD (Turkish Society of Obstetrics and Gynecology) Congress Best Oral Presentation (1st) Prophylactic vitamin D supplementation in ovarian hyperstimulation syndrome.
- Certificate of Honor, Regional Public Hospital, Ngaoundere, Cameroon, 2011
- Top 1% of the students in the Turkish university examination, Turkey, 1992

## **Educational Qualification:**

### **Clinical Research Certificate Program**

Seneca College, Toronto, Canada

May 2017- October 2017

### **Clinical practicing course**

#### **(Training of Treatment Methods for Assisted Reproduction)**

Ege University, IVF center, Izmir, Turkey

Jan 2013- June 2013

### **Residency, Obstetrics and Gynecology**

Dokuz Eylul University, Izmir, Turkey

Aug 1999- July 2004

### **Internship**

Ege University School of Medicine, Izmir, Turkey

Oct 1997- Oct 1998

**Medical doctorate**

Hacettepe University School of Medicine, Ankara, Turkey

Sep 1992- Aug 1996

Ege University School of Medicine, Izmir, Turkey

Sep 1996- Oct 1998

**ECFMG Certification:**

-USMLE Step 1: Pass

-USMLE Step 2 CK: Pass

-OET: Pass

-USMLE Step 3: Pass

**Employment Chronicle:****- Research Director, Senior Instructor, Faculty**

Fertility Preservation and Reproductive Late Effects Program

Department of Obstetrics and Gynecology

Division of Academic Specialists in Obstetrics and Gynecology

Anschutz Medical Campus, Aurora, CO, US

Apr 2024- Present

**- Physician Assistant**

Newlife Fertility Center, Toronto, ON, Canada

Apr 2023- March 2024

**- Physician Assistant**

Everblooming Clinic, Pickering, ON, Canada

Sep 2021- March 2023

**- Consultant OB/GYN Specialist**

Nizamiye Hospital, Abuja, Nigeria

Oct 2020- Aug 2021

**- Faculty**

Department of OB/GYN,

Nile University School of Medicine, Abuja, Nigeria

Oct 2020- Aug 2021

**- Telemedicine Assistant**

Good Doctors Medical Clinics, Scarborough, ON, Canada

Nov 2019- March 2020

**- Telemedicine Assistant**

A&B walk-in clinic, Barrie, Canada

June- July 2019

**- Clinical Research Assistant**

Apollo Applied Research, Toronto, Canada

Sep- Oct 2017

**- Assistant Professor**

Department of OB/GYN

Sifa University School of Medicine, Izmir, Turkey

2011- 2016

**- In Vitro Fertilization Specialist**

Sifa Univ Hospital IVF Clinic, Izmir, Turkey

2013- 2016

**- OB/GYN Specialist**

Sifa Hospital, Izmir, Turkey

July 2004- July 2016

**- Obstetrics and Gynecology resident**

Dokuz Eylul University, Izmir, Turkey

Aug 1999- July 2004

## **Administrative Appointments**

**Member**

Ethics Committee, Sifa University, Izmir, Turkey

2015-2016

**Coordinator**

4<sup>th</sup> year, Sifa University School of Medicine, Izmir, Turkey

2015-2016

**Chief**

Sifa University School of Medicine

Department of Obstetrics and Gynecology, Izmir, Turkey

2015-2015

**Medical Director of IVF Center**

SIFA University, Izmir, Turkey

2014-2016

**Member**

Sifa University

Council of Project Financing, Izmir, Turkey

2014-2016

**Associate Editor**

Sifa Medical Journal, Izmir, Turkey

2013-2016

**Grants Received**

1. 2014 Advisor, *“Evaluation of the effects of cigarette use in pregnancy on newborn with anthropometric method.*(TUBITAK- The Scientific and Technological Research Council of Turkey)
2. 2013 Investigator, *“The vitamin D treatment in ovarian hyperstimulation syndrome, rat study “* (Sifa University Grant)
3. 2014 Investigator, *“Myo-inositol and metformin treatment in ovarian hyperstimulation syndrome, rat study”* (Sifa University Grant)
4. 2014 Co-investigator, PI: F. Eskicioglu, *“Cabergoline and montelukast efficacy in the prophylaxis of ovarian hyperstimulation syndrome in rats* (Celal Bayar University Grant)
5. 2014 Co-investigator, PI: EB Gur, *“The relationship between the umbilical cord vitamin D levels and fetal thymus size”* (Sifa University Grant )
6. 2014 Co-investigator, PI: F Eskicioglu, *“ The relationship between recurrent pregnancy loss and Natural Killer (NK) cells and HLA-G”* (Celal Bayar University Grant)

**Thesis Advisors**

Irem Hepyilmaz. The role of hemogram parameters in the first trimester visit in predicting recurrent abortus. (Thesis Advisor Guluzar Arzu Turan Assist. Prof, 2016, Sifa University, Department of Obs & Gyn, Izmir,Turkey)

## Publications:

### Published articles in International Medical Journals:

1. **Turan GA**, Delibasi T. Gestational Diabetes and Infertility. *Journal of Diabetes Mellitus (JDM)*. 2023 May.
2. Sahin N, Genc M, **Turan GA**, Kasap E, Guclu S. A comparison of 2 cesarean section methods, modified Misgav-Ladach and Pfannenstiel-Kerr: A randomized controlled study. *Adv Clin Exp Med*. 2018 Mar;27(3):357-361.
3. Kasap E, Genc M, **Turan GA**, Eskicioğlu FE, Saklamaz A, Sahin N, Güclü S. The association of impaired gestational glucose tolerance with maternal and fetal outcomes. *Clinical and Experimental Obstetrics & Gynecology*. 2016 Oct 10;43(5):755-8.
4. Eskicioglu F, Ozdemir AT, Ozdemir RB, **Turan GA**, Akan Z, Hasdemir SP. The association of HLA-G and immune markers in recurrent miscarriages. *J Matern Fetal Neonatal Med*. 2016 Sep;29(18):3056-60.
5. Gur EB, Gur MS, Ince O, Kasap E, Genc M, Tatar S, Bugday S, **Turan GA**, Guclu S. Vitamin D deficiency in pregnancy may affect fetal thymus development. *Ginekol Pol*. 2016;87(5):378-83.
6. Sahin N, Apaydin N, Toz E, Sivrikoz ON, Genç M, **Turan GA**, Cengiz H, Eskicioglu F. Comparison of the effects of letrozole and cabergoline on vascular permeability, ovarian diameter, ovarian tissue VEGF levels, and blood PEDF levels, in a rat model of ovarian hyperstimulation syndrome. *Arch Gynecol Obstet*. 2016 May;293(5):1101-6.
7. **Turan GA**, Ince O, Gunduz D, Gur EB, Tatar S, Genc M. Asymptomatic cervical diverticulum: An unusual case. *Sifa Medical Journal*. 2016 May 1;3(2):52.
8. Kasap E, **Turan GA**, Eskicioğlu F, Cengiz H, Gur EB, Sivrikoz ON, Genc M, Yilmaz O. Comparison between resveratrol and cabergoline in preventing ovarian hyperstimulation syndrome in a rat model. *Gynecol Endocrinol*. 2016 Mar;3:1-7.
9. **Turan GA**, Eskicioglu F, Sivrikoz ON, Cengiz H, Adakan S, Gur EB, Tatar S, Sahin N, Yilmaz O: Myo-inositol is a promising treatment for the prevention of ovarian hyperstimulation syndrome (OHSS): an animal study. *Archives of Gynecology and Obstetrics* 05/2015; 292(948).
10. Gur EB, Karadeniz M, Inceefe H, Tatar S, **Turan GA**, Genc M, Guclu S. Thyroid antibodies in euthyroid and subclinical hypothyroidic pregnant women with autoimmune hypothyroidism: effects on hematological parameters and postpartum hemorrhage. *Ginekol Pol*. 2015 Sep;86(9):666-71.

- 11. Turan GA**, Eskicioglu F, Sivrikoz ON, Cengiz H, Gur EB, Tatar S, Sahin N, Yilmaz O: Prophylactic vitamin D supplementation in ovarian hyperstimulation syndrome: an animal study. *Archives of Gynecology and Obstetrics*. 2015 Aug;292(2):421-7.
- 12.** Gur EB, Karadeniz M, **Turan GA**. Fetal programming of polycystic ovary syndrome. *World J Diabetes*. 2015 Jul 10;6(7):936-42.
- 13.** Genc M, Sivrikoz ON, Sahin N, Celik E, **Turan GA**, Guclu S. Does uterine prolapse alter endometrial cyclooxygenase 2 expression and promote the development of premalignant lesions? *Gynecol Obstet Invest*. 2015;80(2):119-23.
- 14.** Genc M, Genc B, Sahin N, Celik E, **Turan GA**, Gur EB, Guclu S. Endometrial pathology in postmenopausal women with no bleeding. *Climacteric*. 2015 Mar 4;18(2):241-5.
- 15.** Gur EB, **Turan GA**, Ince O, Karadeniz M, Tatar S, Kasap E, Sahin N, Guclu S. Effect of Ramadan fasting on metabolic markers, dietary intake and abdominal fat distribution in pregnancy. *Hippokratia*. 2015 Oct;19(4):298.
- 16. Turan GA**, Kaya I, Genç M, Kasap E, Eskicioglu F, Gur EB, Tatar S, Sahin N. Chromosomal abnormalities and polymorphisms among couples with recurrent in vitro fertilization (IVF) failure. *Sifa Medical Journal*. 2015 Sep 1;2(3):49.
- 17.** Eskicioglu F, Ozdemir AT, **Turan GA**, Gur EB, Kasap E, Genc M. The efficacy of complete blood count parameters in the diagnosis of tubal ectopic pregnancy. *Ginekol Pol*. 2014 Nov;85(11):823-7.
- 18.** Gur EB, Ince O, **Turan GA**, Karadeniz M, Tatar S, Celik E, Yalcin M, Guclu S: Ultrasonographic visceral fat thickness in the first trimester can predict metabolic syndrome and gestational diabetes mellitus. *Endocrine* 01/2014; 47(2).
- 19.** Gur EB, **Turan GA**, Tatar S, Gokduman A, Karadeniz M, Celik G, Genç M, Guclu S. The effect of place of residence and lifestyle on vitamin D deficiency in pregnancy: Comparison of eastern and western parts of Turkey. *J Turk Ger Gynecol Assoc*. 2014 Aug 8;15(3):149-55.
- 20.** Gur EB, Gokduman A, **Turan GA**, Tatar S, Hepyilmaz I, Zengin EB, Eskicioglu F, Guclu S: Mid-pregnancy vitamin D levels and postpartum depression. *European Journal of Obstetrics & Gynecology and Reproductive Biology* 08/2014; 179:110–116.
- 21. Turan GA**, Gur EB, Tatar S, Gokduman A, Guclu S: Uterine closure with unlocked suture in cesarean section: Safety and Quality. *Pakistan Journal of Medical Sciences*. 2014 May;30(3):530-4.
- 22. Turan GA**, Yavuz Yuksel M, Ergene U, Gur EB, Hepyilmaz I, Tatar S. Cesarean section and ovarian cystectomy in the patient with factor XI deficiency. *International Medical Journal of Sifa University*, 2014; 1(2), 21-23



**23. Turan GA**, Dogan E, Posaci C, Caliskan S, Guclu S, Altinyurt S. The Effects of Raloxifene on Serum Lipid Profiles, C-Reactive Protein and Homocysteine Levels in Postmenopausal Women. *Turkish-German Gynecol Assoc*, 2006; 7(2), 125-129

**24. Cakmak (Turan) A**, Posaci C, Dogan E, Caliskan S, Guclu S, Altinyurt S: Raloxifene increases serum leptin levels in postmenopausal women: A prospective study. *American Journal of Obstetrics and Gynecology* 08/2005; 193(2):347-51

#### **Published articles in Turkish Medical Journals:**

**1.** Gur EB, Kasap E, Genc M, Tatar S, Bugday S, **Turan GA**, Haksever A, Takma C, Guclu S. Maternal Vitamin D Deficiency May be a Risk Factor for Transient Tachypnea of the Newborn. *Journal of Clinical Obstetrics & Gynecology*. 2015;25(4):231-6.

**2. Turan GA**, Gür E. Breast cancer and infertility. *Arşiv Kaynak Tarama Dergisi*. 2015;24(3):317-23.

**3.** Kaya I, **Turan GA**, Gur EB, Eskicioglu F, Uguz B, Sozer I, Adakan S, Saracoglu M. Results of Chromosomal Abnormalities and Polimorphism in Infertile Men: A Retrospective Study. *İzmir Eğitim ve Araştırma Hastanesi Tıp Dergisi*, 2015;19(1), 33-40.

**4.** Kaya I, **Turan GA**, Ulker YS, Genc M, Kasap E, Gur EB, Korkut B, Tatar S. Cytogenetic analysis in recurrent pregnancy loss. *İzmir Eğitim ve Araştırma Hastanesi Tıp Dergisi*, 2015;19(2), 66-70.

**5.** Kasap E, Korkut B, Genc M, Sahin N, **Turan GA**. Intrauterin device in sigmoid colon: a rare case report. *İzmir Eğitim ve Araştırma Hastanesi Tıp Dergisi*, 2015;19(2), 104-106.

**6. Turan GA**, Gur EB, Tatar S, Genc M, Celik E, Guclu S. Management of cesarean scar pregnancy: a case report. *İzmir Eğitim ve Araştırma Hastanesi Tıp Dergisi* 2015;19(4), 200-202

**7.** Duran A, Eskicioglu F, **Turan GA**, Sen N, Gur EB, Tatar S. The Prevalence of Toxoplasmosis in Pregnant Women in The Provinces of Izmir and Manisa. *İzmir Eğitim ve Araştırma Hastanesi Tıp Dergisi*, 2015;19 (3), 146-149

**8.** Eskicioglu F, Kaya I, Gur EB, **Turan GA**. Familial Recurrent Hydatidiform Moles: A rare case report. *Medical Science and Discovery*, 2014;1(3), 85-87

**9.** Gur EB, **Turan GA**, Tatar S, Oran N, Yuksel Yavuz M, Hepyilmaz I, Guclu S. The Overview of High Cesarean Section Rate in Turkey Through the Eyes of Obstetricians and Midwives. *Turkiye Klinikleri J Gynecol Obst* , 2014;24(2), 71-79

**10.** Gur EB, **Turan GA**, Tatar S, Borekci I, Guclu S. Management of Acute Pancreatitis Due to Hypertriglyceridemia in Pregnancy: Case Report. *Turkiye Klinikleri J Gynecol Obst* , 2013;23(1), 67-70

11. Genc M, Genc B, Korkut B, **Turan GA**, Kurt Sefa. Granulosa Cell Tumor of the Ovary in a Postmenopausal Patient: Report of a Case and Review of the Literature. *Firat Üniversitesi Sağlık Bilimleri Tıp Dergisi* , 2012;26(2), 93-96

### **Selected Poster/ Oral Presentations:**

-Silverman L, Silverman R, **Turan GA**, et al. Towards an integrative solution for complex global health problems. 20<sup>th</sup> Annual Health and Human Rights Conference Jan 27-28, 2018, Toronto University, Toronto, Canada -poster presentation

-**Turan GA**, New Aspects in the Prevention of OHSS. BIT's 4th International Congress of ICGO 2016, May 28-30, 2016, Barcelona, Spain, oral presentation (invited speaker)

-**Turan GA**, Infertility in Obese Women, Congress of Multidisciplinary Approach to Obesity, Nov 21-22, 2015, Izmir, Turkey -oral presentation (Invited speaker)

-**Turan GA**, et al. Myo-inositol is a promising treatment for the prevention of ovarian hyperstimulation syndrome (OHSS): an animal study. Ovarian Club 5. November 14-15, 2015, Barcelona, Spain -poster presentation

-**Turan GA**, et al. Prophylactic vitamin D supplementation in ovarian hyperstimulation syndrome. The 13th TJOD (Turkish Society of Obstetrics and Gynecology) Congress, 2015, Antalya, Turkey -oral presentation (Best Oral Presentation Award)

-Yuksel Yavuz M, **Turan GA**, et al. Cesarean section and ovarian cystectomy in the patient with factor XI deficiency: a case report. IV. International Eurasian Hematology Congress, 2013, Antalya, Turkey -poster presentation

### **CPD:**

-Reproductive Endocrinology and Infertility Observership

Mount Sinai Fertility, Toronto, Canada

Jan 2018-Feb 2018

## Conferences Attended:

- Oncofertility Consortium, Detroit 2024
- ASRM, Denver 2024
- Pre-Term Birth & Medical Disorders in Pregnancy 2018 Update, University of Toronto & Mount Sinai Hospital Department of Obstetrics & Gynaecology, Toronto, Dec 2018
- 25h Annual Symposium -New Developments in Prenatal Diagnosis and Medical Genetics, University of Toronto & Mount Sinai Hospital Department of Obstetrics & Gynaecology in partnership with the Hospital for Sick Children, Toronto, May 2017
- BIT's International Congress of Gynecology and Obstetrics, Barcelona, Spain, 2016
- ESHRE Workshop: 'The impact of reproductive surgery on cross talk between the embryo and the endometrium', Vienna, Austria, 2014
- 28<sup>th</sup> Annual meeting of ESHRE, Istanbul, Turkey, 2012
- 5<sup>th</sup> Gynaecologic Endoscopy Congress, Izmir, Turkey, 2012
- 5<sup>th</sup> National Reproductive Endocrinology and Infertility Congress, Antalya, 2012
- 5<sup>th</sup> National Urogynecology Congress, Istanbul, Turkey, 2011
- ESHRE Workshop, Izmir, Turkey, 2009
- Turkish National Gynecology and Obstetrics Congress, Antalya, Turkey, 2008, 2015
- 2<sup>nd</sup> Reproductive Endocrinology and ART Congress, Izmir, Turkey, 2008
- 20<sup>th</sup> Annual meeting of ESHRE Berlin, Germany, 2004
- 2<sup>nd</sup> Urogynecology and Pelvic Reconstructive Surgery Symposium, Izmir, Turkey, 2004
- Gynecologic Endoscopy Congress, Ankara, Turkey, 2004
- Perinatal Medicine Congress, Izmir, Turkey, 2003
- PCOS: Current Concepts, Treatment and Ovulation Induction, Antalya, Turkey, 2003
- 10<sup>th</sup> Congress on Infertility and Reproductive Medicine, Ankara, Turkey, 2002

## **Courses Attended:**

<b>Researcher Management and Leadership Training</b> , Coursera, USA	2024
<b>Principles of Fertility Preservation for Reproductive Health Providers</b> , ASRM, USA	2024
<b>Basic Life Support Provider Certification</b> , NHCPS, USA	2020
<b>Pediatric Advanced Life Support Provider Certification</b> , NHCPS, USA	2020
<b>Advanced Cardiac Life Support Provider Certification</b> , NHCPS, USA	2020
<b>Emergency First Aid &amp; CPR Training</b> , SAJE Vital Signs, Canada	2018
<b>Phlebotomy Course</b> , CJ College, Canada	2018
<b>Ethical Conduct for Research Involving Humans Course on Research Ethics</b> , Canada	2017
<b>Understanding the Canadian Health Care System</b> , Health Force Ontario, Canada	2017
<b>Embryology- Time Lapse</b> , 6th National Reproductive Endocrinology and Infertility Congress, Antalya, Turkey	2014
<b>Training of Trainers</b> , Sifa University, Turkey	2013
<b>Certificate of Experimental Animal Use</b> , Dokuz Eylul University, Turkey	2013
<b>Research planning and analysis methods</b> , Sifa University, Turkey	2013
<b>Embryonic Stem Cell Culture</b> , TUBITAK Marmara Research Center, Turkey	2013
<b>Certificate Program of Good Journal Reviewer</b> , MedCalc Turkey	2013
<b>Laparoscopic Hysterectomy Course</b> , Ege University School of Medicine, Department of Obstetrics & Gynaecology, Turkey	2012
<b>Gynaecologic Endoscopy Course</b> , Ankara, Turkey	2004
<b>Safety and Quality in ART</b> , 20th Annual Meeting of ESHRE, Berlin, Germany	2004

## **Volunteer Experience:**

OB/GYN Medical Assistant,

Elite Women's Care, Hoffman Estates, IL, USA

Sep 2022 – Sep 2022

Activity Volunteer

Sunrise of Thornhill (Senior Living), Toronto, Canada

Feb-June 2019

Lecturer and Mentor

Anatolian Heritage Federation, Toronto, Canada

Apr 2018-July 2020

OB-GYN Specialist

EGESADER (ten days), Ngaoundere, Cameroon

2011

OB-GYN Specialist

ESADER, (two weeks), Zanzibar, Tanzania

2009

General Practitioner

ESADER (two weeks), Zanzibar, Tanzania

2008