

# Can Benlioglu, MD, PhD candidate

**Mobile:** +90 (533) 575 2799

**e-mail:** canbenlioglu@icloud.com, cbenlioglu@kuh.ku.edu.tr,  
cbenlioglu22@ku.edu.tr

## PROFILE

I am a clinician and researcher dedicated to advancing reproductive medicine. My academic focus spans early embryogenesis in mammals, the molecular impacts of targeted chemotherapies on human gonadal functions, and the effects of endometriosis/adenomyosis on human reproduction. I aspire to establish my own laboratory focused on translational research in reproductive medicine. By fostering innovation, collaboration, and impactful discoveries, I aim to contribute meaningfully to the advancement of this field.

## EDUCATION

### UNDERGRADUATE MEDICAL EDUCATION

- HACETTEPE UNIVERSITY, FACULTY OF MEDICINE (ENGLISH PROGRAM), GRADUATED IN 2015

### POST GRADUATE EDUCATION

- GRADUATE SCHOOL OF MEDICINE, KOC UNIVERSITY REPRODUCTIVE MEDICINE PHD PROGRAM 2022-STILL
- DEPARTMENT OF OBSTETRICS AND GYNECOLOGY (RESIDENCY TRAINING), ANKARA UNIVERSITY 2016 - 2020

### SEMINARS, COURSES, CERTIFICATES AND OBSERVERSHIP

#### PROGRAMS

- WELLCOME CONNECTING SCIENCE NEXT GENERATION SEQUENCING LABORATORY COURSE, IN 2025
- IBM DATA SCIENCE PROFESSIONAL CERTIFICATE, IN 2022-2023
- HE 101 MEDICAL EDUCATION CERTIFICATE, KOC UNIVERSITY KAMER PROGRAM, 2023
- SUMMARY STATISTICS IN PUBLIC HEALTH, JOHN HOPKINS UNIVERSITY CERTIFICATE, IN 2022
- MD120: PRINCIPLES OF FERTILITY PRESERVATION FOR REPRODUCTIVE HEALTH PROVIDERS, ASRM CERTIFICATE, NOV 2022
- SALZBURG WEILL CORNELL SEMINAR IN REPRODUCTIVE MEDICINE, WEILL CORNELL MEDICINE JULY 14-20, 2019
- RESEARCH ASSISTANT - THE FETAL MEDICINE UNIT AT ST. GEORGE'S HOSPITAL, LONDON, 2019

## PROFESSIONAL EXPERIENCE

### CLINICAL

- OBSTETRICS AND GYNECOLOGY SPECIALIST; KOC UNIVERSITY HOSPITAL, ISTANBUL, 2022-PRESENT
- OBSTETRICS AND GYNECOLOGY SPECIALIST; STATE HOSPITAL, AGRI, 2020-2022
- EMERGENCY ; ATATURK STATE HOSPITAL, AYDIN – 2015-2016

### RESEARCH

- TOTAL CITATIONS: 677, H-INDEX:9 - [HTTPS://SCHOLAR.GOOGLE.COM/CITATIONS?USER=KGYQ5-8AAAAJ&HL=EN&OI=AO](https://scholar.google.com/citations?user=KGYQ5-8AAAAJ&hl=en&oi=ao)
- TOTAL CITATIONS: 366, H-INDEX:7 - [HTTPS://WWW.WEBOFSCIENCE.COM/WOS/AUTHOR/RECORD/AAO-5543-2020](https://www.webofscience.com/wos/author/record/AAO-5543-2020)
- REVIEWER IN SEVERAL JOURNALS, INCLUDING HUMAN REPRODUCTION, MOLECULAR REPRODUCTION AND DEVELOPMENT, BRITISH JOURNAL OF OBSTETRICS AND GYNECOLOGY
- GRANT REVIEWER FOR THE AMERICAN SOCIETY OF REPRODUCTIVE MEDICINE (ASRM) DISCOVERY/INNOVATION GRANTS (FY24)
- CONSTRUCTING, DISTRIBUTING AND VALIDATING THE DATA FRAMEWORK OF TURKIYE'S ANNUAL ASSISTED REPRODUCTION TECHNIQUES REGISTRATION (REGARDING ESHRE EUROPEAN IVF MONITORING CONSORTIUM)

### MEMBERSHIPS

- AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (AAAS)
- AMERICAN SOCIETY OF REPRODUCTIVE MEDICINE (ASRM)
- EUROPEAN SOCIETY OF HUMAN REPRODUCTION AND EMBRYOLOGY (ESHRE)
- TURKISH SOCIETY OF REPRODUCTIVE MEDICINE (TSRM)

## AWARDS

- BEST ORAL PRESENTATION IN 2024 EXPERMED NATIONAL CONGRESS

## SKILLS

### DIGITAL SKILLS

- BIOINFORMATIC TOOLS - MAINLY BIOPYTHON, BLAST, EXPASY
- BIOSTATISTICAL TOOLS - MAINLY GRAPHPAD PRISM AND PYTHON, BEGINNER LEVEL R USER
- ILLUSTRATION TOOLS - MAINLY BIORENDER
- ALL MICROSOFT OFFICE AND EQUIVALENT APPLE (PAGES, NUMBERS, ETC.) PROGRAMS, BEGINNER LEVEL POWER-BI USER
- REFERENCE MANAGER TOOLS - MAINLY ENDNOTE
- WEB-BASED QUESTIONNAIRE TOOLS - MAINLY QUALTRICS

### HANDS-ON WET LAB SKILLS

- NEXT-GENERATION SEQUENCING WORKFLOW, REAL-TIME PCR ANALYSES, WESTERN BLOTS AND CONFOCAL IMAGING

## FULL PUBLICATION LIST

GOOGLE SCHOLAR: [HTTPS://SCHOLAR.GOOGLE.COM/CITATIONS?](https://scholar.google.com/citations?hl=tr&user=kgyo5-8aaaaaj)

[HL=TR&USER=KGYO5-8AAAAJ](https://scholar.google.com/citations?hl=tr&user=kgyo5-8aaaaaj)

WEB OF SCIENCE: [HTTPS://WWW.WEBOFSCIENCE.COM/WOS/AUTHOR/RECORD/AAO-5543-2020](https://www.webofscience.com/wos/author/record/AAO-5543-2020)

### RECENT (LAST 3 YEARS) ACCEPTED CONGRESS PRESENTATIONS

- **ESHRE 2025** - Savaş, İ. D., **Benlioğlu, C.**, Keleş, İ., Pirmoradi, S., Ata, B., & Öktem, Ö. (2025). P-385 Progesterin-primed ovarian stimulation for oocyte/embryo freezing is not inferior to GnRH antagonist cycles in cancer patients for ovarian response and IVF characteristics. *Human Reproduction*, 40(Supplement\_1), dea097-691.
- **ESHRE 2025** - Ghafouri Kalajahi, H., Yusufoglu, S., **Benlioglu, C.**, Albayrak, O., & Oktem, O. (2025). O-265 Cyclin-Dependent Kinase (CDK) Inhibitors are not detrimental to dormant follicles and steroidogenic function in human ovary. *Human Reproduction*, 40(Supplement\_1), dea097-265.
- **ESHRE 2025** -Kalafat, E., **Benlioglu, C.**, Gurbuz, Z. U., Purde, M., & Ata, B. (2025). P-228 Deep learning analysis reveals distinct expansion patterns between euploid and aneuploid embryos during blastulation. *Human Reproduction*, 40(Supplement\_1), dea097-536.
- **ESHRE 2025** - Yusufoglu, S., Esmaeilian, Y., **Benlioglu, C.**, Kalajahi, H. G., Altay, B., Kalkan, U., ... & Oktem, O. (2025). P-323 Endometriomas are extremely heterogeneous for steroidogenic activity, functional FSH receptor expression and FSH-responsive aromatase transcript variants. *Human Reproduction*, 40(Supplement\_1), dea097-631.
- **TSRM 2024** - **Benlioglu, C.**, Kalafat, E., Keles, I., & Ata, B. (2024). COMPARISON OF TIME LAPSE AND CONVENTIONAL INCUBATORS WITH LABORATORY PERFORMANCE INDICATORS AND EUPLOIDY RATES: META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS. *Reproductive BioMedicine Online*, 49, 104576.
- **TSRM 2024** - **Benlioglu, C.**, Dirican, E. K., Vicdan, K., & Ata, B. (2024). QUALITY OVER QUANTITY: IN-DEPTH ANALYSIS OF EMBRYO TRANSFER STRATEGIES IN TURKIYE'S ART DATA REGISTRY. *Reproductive BioMedicine Online*, 49, 104574.
- **ESHRE 2024** - S Yusufoglu, **C Benlioglu**, H Ghafouri Kalajahi, I Keles, Z Ahmetoglu, E Iltumur, S Pirmoradi, O Oktem, P-661 Comparative and descriptive molecular analysis of cumulus and luteinized mural granulosa cells for steroidogenic function in IVF patients, *Human Reproduction*, Volume 39, Issue Supplement\_1, July 2024, dea108.991
- **ESHRE 2024** - A Çakar, E Kalafat, **C Benlioglu**, I Keles, O Oktem, A Seyhan, E Turkgeldi, S Yildiz, B Balaban, B Urman, B Ata, O-089 Association of pituitary suppression method with euploid blastocyst yield in preimplantation genetic testing for aneuploidy (PGT-A) cycles, *Human Reproduction*, Volume 39, Issue Supplement\_1, July 2024, dea108.095
- **TSRM 2023** - **Benlioglu, C.**, Keles, I., Kalafat, E., Ata, B., & Bozdog, G. (2023). Time-lapse morphokinetic parameters and implantation outcomes of single euploid embryo transfers. *Reproductive BioMedicine Online*, 47.

## RECENT ACCEPTED PEER-REVIEWED PUBLICATIONS

- **Benlioglu, C.**, Telek, S. B., & Ata, B. (2025). Reproductive outcomes in infertile women with endometriosis undergoing ART. *Gynecologic and Obstetric Investigation*.
- Mercan, R., **Benlioglu, C.**, & Aksakal, G. E. (2024). Critical appraisal and narrative review of the literature in IVF/ICSI patients with adenomyosis and endometriosis. *Frontiers in Reproductive Health*, 6, 1525705.
- **Benlioglu, C.**, Aydın, Y., Bahçeci, M., Baltacı, V., Bulgurcuoğlu, S., Demir, A., Dilbaz, S., Ergin, E., Findıklı, N., Göksever Çelik, H., Güler, İ., Işıkoğlu, M., Mümüşoğlu, S., Özekinci, M., Özörnek, H., Şimşek, E., Şükür, Y. E., Uncu, G., Urman, B., Vicdan, K., ... Ata, B. (2024). Demographic distributions and clinical results of assisted reproduction techniques in Turkey in 2019: a descriptive survey. **Journal of the Turkish German Gynecological Association**, 25(1), 18-23. <https://doi.org/10.4274/jtgga.galenos.2023.2023-3-12>
- **Benlioglu, C.**, Aydın, Y., Bahçeci, M., Baltacı, V., Bulgurcuoğlu, S., Demir, A., Dilbaz, S., Ergin, E., Findıklı, N., Göksever Çelik, H., Güler, İ., Işıkoğlu, M., Mümüşoğlu, S., Özekinci, M., Özörnek, H., Şimşek, E., Şükür, Y. E., Uncu, G., Urman, B., Vicdan, K., ... Ata, B. (2024). Demographic distributions and clinical results of assisted reproduction techniques in Turkey in 2019: a descriptive survey. **Journal of the Turkish German Gynecological Association**, 25(1), 18-23. <https://doi.org/10.4274/jtgga.galenos.2023.2023-3-12>
- Yıldız, S., Bildik, G., **Benlioglu, C.**, Turan, V., Dilege, E., Ozel, M., Kim, S., & Oktem, O. (2023). Breast cancer treatment and ovarian function. **Reproductive biomedicine online**, 46(2), 313-331. <https://doi.org/10.1016/j.rbmo.2022.09.014>
- Sileo, F. G., Curado, J., D'Antonio, F., **Benlioglu, C.**, & Khalil, A. (2022). Incidence and outcome of prenatal brain abnormalities in twin-to-twin transfusion syndrome: systematic review and meta-analysis. **Ultrasound in obstetrics & gynecology : the official journal of the International Society of Ultrasound in Obstetrics and Gynecology**, 10.1002/uog.24895. Advance online publication. <https://doi.org/10.1002/uog.24895>
- Sileo, F. G., Curado, J., D'Antonio, F., **Benlioglu, C.**, & Khalil, A. (2022). Incidence and outcome of prenatal brain abnormalities in twin-to-twin transfusion syndrome: systematic review and meta-analysis. **Ultrasound in obstetrics & gynecology : the official journal of the International Society of Ultrasound in Obstetrics and Gynecology**, 10.1002/uog.24895. Advance online publication. <https://doi.org/10.1002/uog.24895>
- Şükür, Y. E., **Benlioglu, C.**, Osmanlioğlu, Ş., & Berker, B. (2022). Diagnostic laparoscopy prior to IVF cycle improves outcome in patients with unilateral distal tubal occlusion. **Journal of gynecology obstetrics and human reproduction**, 51(6), 102400. <https://doi.org/10.1016/j.jogoh.2022.102400>
- Kalafat E, **Benlioglu C**, Gökçe A, Şükür YE, Özmen B, Sönmezer M, Atabekoğlu CS, Aytaç R, Berker B. Factors associated with livebirth in couples undergoing their first in vitro fertilization cycle: An internally validated prediction model. **Turk J Obstet Gynecol**. 2021 Sep 27;18(3):212-220. doi: 10.4274/tjod.galenos.2021.71770. PMID: 34580695; PMCID: PMC8480211.

- Sileo FG, D'antonio F, **Benlioglu C**, Bhide A, Khalil A. Perinatal outcomes of twin pregnancies complicated by late twin-twin transfusion syndrome: A systematic review and meta-analysis. **Acta Obstet Gynecol Scand**. 2021 May;100(5):832-842. doi: 10.1111/aogs.14066. Epub 2021 Jan 12. PMID: 33337543.
- Kalafat E, Yassa M, Koc A, Tug N; TULIP collaboration. Utility of lung ultrasound assessment for probable SARS-CoV-2 infection during pregnancy and universal screening of asymptomatic individuals. **Ultrasound Obstet Gynecol**. 2020 Oct;56(4):624-626. doi: 10.1002/uog.23099. PMID: 32916004.
- Khalil A, Kalafat E, **Benlioglu C**, O'Brien P, Morris E, Draycott T, Thangaratinam S, Le Doare K, Heath P, Ladhani S, von Dadelszen P, Magee LA. SARS-CoV-2 infection in pregnancy: A systematic review and meta-analysis of clinical features and pregnancy outcomes. **EClinicalMedicine**. 2020 Aug; 25:100446. doi: 10.1016/j.eclinm.2020.100446. Epub 2020 Jul 3. PMID: 32838230; PMCID: PMC7334039.
- D'Antonio F, **Benlioglu C**, Sileo FG, Thilaganathan B, Papageorgiou A, Bhide A, Khalil A. Perinatal outcomes of twin pregnancies affected by early twin-twin transfusion syndrome: A systematic review and meta-analysis. **Acta Obstet Gynecol Scand**. 2020 Sep;99(9):1121-1134. doi: 10.1111/aogs.13840. Epub 2020 Apr 7. PMID: 32162305.
- Kalafat E, **Benlioglu C**, Thilaganathan B, Khalil A. Home blood pressure monitoring in the antenatal and postpartum period: A systematic review meta-analysis. **Pregnancy Hypertens**. 2020 Jan;19:44-51. doi: 10.1016/j.preghy.2019.12.001. Epub 2020 Jan 2. PMID: 31901652.
- Kalafat E, Gokce A, O'Brien P, **Benlioglu C**, Koc A, Karaaslan O, Khalil A. Efficacy of carbetocin in the prevention of postpartum hemorrhage: a systematic review and Bayesian meta-analysis of randomized trials. **J Matern Fetal Neonatal Med**. 2021 Jul;34(14):2303-2316. doi: 10.1080/14767058.2019.1664463. Epub 2019 Sep 19. PMID: 31537134.