

# **CURRICULUM VITAE**

**EVANGELOS MAZIOTIS**

**MOLECULAR BIOLOGIST AND GENETICIST**

**SPECIALIZED IN ASSISTED REPRODUCTION**

**March 2026**

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# 1. Personal Information

**Full Name:** Evangelos Maziotis

**Date of Birth:** 13 July 1990

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**Place of Birth:** Cholargos, Attica, Greece

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## 2. Current Positions

- **03/2024 – Present:** Postdoctoral Researcher, Laboratory of Physiology, Medical School, National and Kapodistrian University of Athens, Greece.
- **01/2023 – Present:** Biologist–Researcher, Human Reproduction Ltd.

## 3. Past Positions

- **11/2021 – 04/2024:** Instructor, Specialized Training Program, Center for Continuing Education and Lifelong Learning (KEDIVIM), National and Kapodistrian University of Athens: “Advanced Course in Clinical Embryology”.
- **09/2019 – 10/2021:** Trainee Clinical Embryologist, Assisted Reproduction Unit, Aretaieion University Hospital, Athens, Greece

## 4. Education

**Undergraduate Studies (2008–2015):** Department of Molecular Biology and Genetics, Democritus University of Thrace, Alexandroupolis, Greece.

**Postgraduate Studies (2015–2017):** Postgraduate Program “Molecular and Applied Physiology”, Medical School, National and Kapodistrian University of Athens, Greece. Thesis: Association between male Infertility and seminal plasma levels of growth hormone and insulin-like growth factor-1

**Doctoral Dissertation (Doctor of Philosophy, Ph.D.) (2018–2021):** Laboratory of Physiology, Medical School, Democritus University of Thrace, Greece. Thesis: Evaluation of oocyte characteristics and their behaviour during ICSI with Z-Score, developmental potential, implantation and live-birth rates

## 5. Teaching and academic activity

**2021–2024:** Instructor, Specialized Training Program, KEDIVIM, National and Kapodistrian University of Athens: “Advanced Course in Clinical Embryology”.

**2021–Present:** Teaching Assistant in the laboratory exercises “Physiology of Reproduction” for 2nd-year undergraduate medical students, Medical School, National and Kapodistrian University of Athens.

**2023–Present:** Teaching Assistant in the laboratory exercises “Blood Physiology” for 2nd-year undergraduate medical students, Medical School, National and Kapodistrian University of Athens.

**2024–Present:** Lecturer in the MSc Program “Molecular and Applied Physiology”, Laboratory of Physiology, Medical School, National and Kapodistrian University of Athens.

**2024–Present:** Lecturer in the MSc Program “Infertility – Assisted Reproduction Techniques”, 2nd Department of Obstetrics and Gynecology, Medical School, National and Kapodistrian University of Athens.

**2024–Present:** Lecturer in the MSc Program “Immunology: Basic Principles and Clinical Applications”, Laboratory of Physiology, Medical School, National and Kapodistrian University of Athens.

## 6. Research activities

- 2021-present: Collaborating Researcher in the research group “Reproductive Physiology”, headed by Professor Maria Simopoulou, Laboratory of Physiology, Medical School, National and Kapodistrian University of Athens, with multiple research projects and publications in peer-reviewed international journals and conference proceedings.
- 2023-present: Researcher at Human Reproduction Ltd., with numerous research studies published in high-impact international journals and presented at conferences.

### **Participation in Funded Research Projects**

- **2024 – 2025 (Investigator):** Postdoctoral investigator of the research project entitled “Investigating the Regenerative Potential of Platelet-Rich Plasma in Diminished Ovarian Reserve”, within the framework of the action “Funding of Basic Research (Horizontal support of all Sciences), National Recovery and Resilience Plan (Greece 2.0)” of the Hellenic Foundation for Research and Innovation, co-funded by Greece and the European Union.

## **7. Membership in scientific societies and associations**

1. European Society of Human Reproduction and Embryology (ESHRE).
2. Hellenic Society of Physiology.
3. Institute of Applied Physiology & Exercise.
4. Hellenic Society of Reproductive Medicine.
5. Scientific Society of Clinical Embryology and Biology of Human Reproduction.

## **8. Reviewer of international journals**

1. Reproductive Biomedicine Online
2. Journal of Assisted Reproduction and Genetics
3. Medicina
4. International Journal of Molecular Sciences
5. Journal of Clinical Medicine
6. Ultrasound in Obstetrics and Gynaecology
7. Diagnostics
8. Reproductive Biology and Endocrinology
9. Scientific Reports

## **9. Career Breaks**

Jun 2020-February 2021: Mandatory Military Service in Greek Army (9 months)

July 2024-August 2024: Parental leave (2 months)

## 10. Publications

1. Sfakianoudis, K., Zikopoulos, A., Grigoriadis, S., Seretis, N., **Maziotis, E.**, Anifandis, G., Xystra, P., Kostoulas, C., Giougli, U., Pantos, K., Simopoulou, M., & Georgiou, I. (2024). The Role of One-Carbon Metabolism and Methyl Donors in Medically Assisted Reproduction: A Narrative Review of the Literature. *International journal of molecular sciences*, 25(9), 4977. <https://doi.org/10.3390/ijms25094977>
2. Pantos, K., **Maziotis, E.**, Trypidi, A., Grigoriadis, S., Agapitou, K., Pantou, A., Nikolettos, K., Kokkini, G., Sfakianoudis, K., Pomeroy, K. O., & Simopoulou, M. (2024). The Effect of Open and Closed Oocyte Vitrification Systems on Embryo Development: A Systematic Review and Network Meta-Analysis. *Journal of clinical medicine*, 13(9), 2651. <https://doi.org/10.3390/jcm13092651>
3. Sfakianoudis, K., **Maziotis, E.**, Trypidi, A., Grigoriadis, S., Vaxevanoglou, T., Angeli, I., Rapani, A., Kotsifaki, A., Pistola, K., Pantou, A., Dafopoulos, K., Pantos, K., & Simopoulou, M. (2024). Embryo Transfer Procedural Parameters Do Not Predict IVF Cycle Outcome. *Journal of clinical medicine*, 13(5), 1312. <https://doi.org/10.3390/jcm13051312>
4. **Maziotis, E.**, Kalampokas, T., Giannelou, P., Grigoriadis, S., Rapani, A., Anifantakis, M., Kotsifaki, A., Pantou, A., Triantafyllidou, O., Tzanakaki, D., Neofytou, S., Vogiatzi, P., Bakas, P., Simopoulou, M., & Vlahos, N. (2022). Commercially Available Molecular Approaches to Evaluate Endometrial Receptivity: A Systematic Review and Critical Analysis of the Literature. *Diagnostics* (Basel, Switzerland), 12(11), 2611. <https://doi.org/10.3390/diagnostics12112611>.
5. Agarwal A, Cannarella R, Saleh R, Boitrelle F, Gül M, Toprak T, Salvio G, Arafa M, Russo GI, Harraz AM, Singh R, Garrido N, Hamoda TAA, Rambhatla A, Kavoussi P, Kuroda S, Çalik G, Saini P, Ceyhan E, Dimitriadis F, Henkel R, Crafa A, Palani A, Duran MB, **Maziotis E**, Saïs É, Bendayan M, Darbandi M, Le TV, Gunes S, Tsioulou P, Sengupta P, Hazir B, Çeker G, Darbandi S, Durairajanayagam

- D, Aghamajidi A, Alkhalidi N, Sogutdelen E, Leisegang K, Alarbid A, Ho CCK, Malhotra V, Finocchi F, Crisóstomo L, Kosgi R, ElBardisi H, Zini A, Birowo P, Colpi G, Park HJ, Serefoglu EC, Nguyen Q, Ko E, de la Rosette J, Pinggera GM, Nguyen HVP, Kandil H, Shah R. (2023). Impact of Varicocele Repair on Semen Parameters in Infertile Men: A Systematic Review and Meta-Analysis. *The world journal of men's health*, 41(2), 289–310. <https://doi.org/10.5534/wjmh.220142>
6. **Maziotis, E.**, Kalampokas, T., Giannelou, P., Grigoriadis, S., Rapani, A., Anifantakis, M., Kotsifaki, A., Pantou, A., Triantafyllidou, O., Tzanakaki, D., Neofytou, S., Vogiatzi, P., Bakas, P., Simopoulou, M., & Vlahos, N. (2022). Commercially Available Molecular Approaches to Evaluate Endometrial Receptivity: A Systematic Review and Critical Analysis of the Literature. *Diagnostics* (Basel, Switzerland), 12(11), 2611. <https://doi.org/10.3390/diagnostics12112611>.
  7. Simopoulou, M., Galatis, D., **Maziotis, E.**, Pantou, A., Giannelou, P., Grigoriadis, S., Tzonis, P., Griva, T., Zikopoulos, A., Philippou, A., Koutsilieris, M., Pantos, K., & Sfakianoudis, K. (2022). Development of a predictive model for luteal phase oocyte retrieval in poor responders undergoing natural cycle IVF. *Scientific reports*, 12(1), 7695. <https://doi.org/10.1038/s41598-022-11602-0>
  8. Sfakianoudis, K., **Maziotis, E.**, Grigoriadis, S., Pantou, A., Kokkini, G., Trypidi, A., Giannelou, P., Zikopoulos, A., Angeli, I., Vaxevanoglou, T., Pantos, K., & Simopoulou, M. (2022). Reporting on the Value of Artificial Intelligence in Predicting the Optimal Embryo for Transfer: A Systematic Review including Data Synthesis. *Biomedicines*, 10(3), 697.
  9. Pantos, K., Grigoriadis, S., **Maziotis, E.**, Pistola, K., Xystra, P., Pantou, A., Kokkali, G., Pappas, A., Lambropoulou, M., Sfakianoudis, K., & Simopoulou, M. (2022). The Role of Interleukins in Recurrent Implantation Failure: A Comprehensive Review of the Literature. *International journal of molecular sciences*, 23(4), 2198. <https://doi.org/10.3390/ijms23042198>
  10. Kalampokas, T., Rapani, A., Papageorgiou, M., Grigoriadis, S., **Maziotis, E.**, Anifandis, G., Triantafyllidou, O., Tzanakaki, D., Neofytou, S., Bakas, P., Simopoulou, M., & Vlahos, N. (2021). The Current Evidence Regarding COVID-

19 and Pregnancy: Where Are We Now and Where Should We Head to Next?. *Viruses*, 13(10), 2000. <https://doi.org/10.3390/v13102000>

11. Sfakianoudis, K., Rapani, A., Grigoriadis, S., Pantou, A., **Maziotis, E.**, Kokkini, G., Tsirligkani, C., Bolaris, S., Nikolettos, K., Chronopoulou, M., Pantos, K., & Simopoulou, M. (2021). The Role of Uterine Natural Killer Cells on Recurrent Miscarriage and Recurrent Implantation Failure: From Pathophysiology to Treatment. *Biomedicines*, 9(10), 1425. <https://doi.org/10.3390/biomedicines9101425>
12. Sfakianoudis, K., **Maziotis, E.**, Karantzali, E., Kokkini, G., Grigoriadis, S., Pantou, A., Giannelou, P., Petroutsou, K., Markomichali, C., Fakiridou, M., Koutsilieris, M., Asimakopoulos, B., Pantos, K., & Simopoulou, M. (2021). Molecular Drivers of Developmental Arrest in the Human Preimplantation Embryo: A Systematic Review and Critical Analysis Leading to Mapping Future Research. *International journal of molecular sciences*, 22(15), 8353. <https://doi.org/10.3390/ijms22158353>
13. Pantos, K., Simopoulou, M., **Maziotis, E.**, Rapani, A., Grigoriadis, S., Tsioulou, P., Giannelou, P., Nitsos, N., Tzonis, P., Koutsilieris, M., & Sfakianoudis, K. (2021). Introducing intrauterine antibiotic infusion as a novel approach in effectively treating chronic endometritis and restoring reproductive dynamics: a randomized pilot study. *Scientific reports*, 11(1), 15581. <https://doi.org/10.1038/s41598-021-95072-w>
14. Pantos, K., Grigoriadis, S., Tomara, P., Louka, I., **Maziotis, E.**, Pantou, A., Nitsos, N., Vaxevanoglou, T., Kokkali, G., Agarwal, A., Sfakianoudis, K., & Simopoulou, M. (2021). Investigating the Role of the microRNA-34/449 Family in Male Infertility: A Critical Analysis and Review of the Literature. *Frontiers in endocrinology*, 12, 709943. <https://doi.org/10.3389/fendo.2021.709943>
15. Pantou, A., Giannelou, P., Grigoriadis, S., **Maziotis, E.**, Tzonis, P., Koutsouni, A., Pappa, C., Philippou, A., Koutsilieris, M., Pantos, K., Simopoulou, M., & Sfakianoudis, K. (2021). Evaluating different strategies for poor ovarian response management: a retrospective cohort study and literature review. *Annals of the New York Academy of Sciences*, 1500(1), 93–111. <https://doi.org/10.1111/nyas.14614>

16. Simopoulou, M., Sfakianoudis, K., **Maziotis, E.**, Tsioulou, P., Grigoriadis, S., Rapani, A., Giannelou, P., Asimakopoulou, M., Kokkali, G., Pantou, A., Nikolettos, K., Vlahos, N., & Pantos, K. (2021). PGT-A: who and when? A systematic review and network meta-analysis of RCTs. *Journal of assisted reproduction and genetics*, 38(8), 1939–1957. <https://doi.org/10.1007/s10815-021-02227-9>
17. Simopoulou, M., Rapani, A., Grigoriadis, S., Pantou, A., Tsioulou, P., **Maziotis, E.**, Tzanakaki, D., Triantafyllidou, O., Kalampokas, T., Siristatidis, C., Bakas, P., & Vlahos, N. (2021). Getting to Know Endometriosis-Related Infertility Better: A Review on How Endometriosis Affects Oocyte Quality and Embryo Development. *Biomedicines*, 9(3), 273. <https://doi.org/10.3390/biomedicines9030273>
18. Rapani, A., Nikiforaki, D., Karagkouni, D., Sfakianoudis, K., Tsioulou, P., Grigoriadis, S., **Maziotis, E.**, Pantou, A., Voutsina, A., Pantou, A., Koutsilieris, M., Hatzigeorgiou, A., Pantos, K., & Simopoulou, M. (2021). Reporting on the Role of miRNAs and Affected Pathways on the Molecular Backbone of Ovarian Insufficiency: A Systematic Review and Critical Analysis Mapping of Future Research. *Frontiers in cell and developmental biology*, 8, 590106. <https://doi.org/10.3389/fcell.2020.590106>
19. Pantos, K., Sfakianoudis, K., **Maziotis, E.**, Rapani, A., Karantzali, E., Gounari-Papaioannou, A., Vaxevanoglou, T., Koutsilieris, M., & Simopoulou, M. (2021). Abnormal fertilization in ICSI and its association with abnormal semen parameters: a retrospective observational study on 1855 cases. *Asian journal of andrology*, 23(4), 376–385. [https://doi.org/10.4103/aja.aja\\_84\\_20](https://doi.org/10.4103/aja.aja_84_20)
20. Sfakianoudis, K., Tsioulou, P., **Maziotis, E.**, Grigoriadis, S., Glava, A., Nitsos, N., Giannelou, P., Makrakis, E., Pantou, A., Rapani, A., Koutsilieris, M., Mastorakos, G., Pantos, K., & Simopoulou, M. (2021). Investigating apoptotic, inflammatory, and growth markers in poor responders undergoing natural in vitro fertilization cycles: a pilot study. *Annals of the New York Academy of Sciences*, 1489(1), 78–90. <https://doi.org/10.1111/nyas.14517>
21. **Maziotis, E.**, Sfakianoudis, K., Giannelou, P., Grigoriadis, S., Rapani, A., Tsioulou, P., Nikolettos, K., Pantou, A., Tiptiri-Kourpeti, A., Koutsilieris, M., Asimakopoulos, B., Nikolettos, N., Pantos, K., & Simopoulou, M. (2020).

Evaluating the value of day 0 of an ICSI cycle on indicating laboratory outcome. *Scientific reports*, 10(1), 19325. <https://doi.org/10.1038/s41598-020-75164-9>

22. Grigoriadis, S., **Maziotis, E.**, Vlahos, N., & Simopoulou, M. (2020). New insights in addressing endometrial dysfunction: the potential role of growth hormone. *Annals of translational medicine*, 8(14), 841. <https://doi.org/10.21037/atm.2020.04.53>
23. Sfakianoudis, K., Rapani, A., Grigoriadis, S., Retsina, D., **Maziotis, E.**, Tsioulou, P., Giannelou, P., Pantos, K., Koutsilieris, M., Vlahos, N., Mastorakos, G., & Simopoulou, M. (2020). Novel Approaches in Addressing Ovarian Insufficiency in 2019: Are We There Yet?. *Cell transplantation*, 29, 963689720926154. <https://doi.org/10.1177/0963689720926154>
24. Sfakianoudis, K., Simopoulou, M., Grigoriadis, S., Pantou, A., Tsioulou, P., **Maziotis, E.**, Rapani, A., Giannelou, P., Nitsos, N., Kokkali, G., Koutsilieris, M., & Pantos, K. (2020). Reactivating Ovarian Function through Autologous Platelet-Rich Plasma Intraovarian Infusion: Pilot Data on Premature Ovarian Insufficiency, Perimenopausal, Menopausal, and Poor Responder Women. *Journal of clinical medicine*, 9(6), 1809. <https://doi.org/10.3390/jcm9061809>
25. Konstantinos, S., Petroula, T., **Evangelos, M.**, Polina, G., Argyro, G., Sokratis, G., Anna, R., Andrianos, N., Agni, P., Michael, K., Konstantinos, P., George, M., & Mara, S. (2020). Assessing the practice of LuPOR for poor responders: a prospective study evaluating follicular fluid cfDNA levels during natural IVF cycles. *Journal of assisted reproduction and genetics*, 37(5), 1183–1194. <https://doi.org/10.1007/s10815-020-01743-4>.
26. Simopoulou, M., Sfakianoudis, K., **Maziotis, E.**, Rapani, A., Giannelou, P., Pantou, A., Anifandis, G., Bakas, P., Vlahos, N., Pantos, K., & Koutsilieris, M. (2020). Assessing Clinical Embryology Research: A Global Bibliometric Analysis. *Medicina (Kaunas, Lithuania)*, 56(5), 210. <https://doi.org/10.3390/medicina56050210>

27. Pantos, K., Sfakianoudis, K., Grigoriadis, S., **Maziotis, E.**, Tsioulou, P., Rapani, A., Giannelou, P., Atzamos, A., Koulouraki, S., Koutsilieris, M., Vlahos, N., Mastorakos, G., & Simopoulou, M. (2020). Could the Age Difference of a Single Calendar Year between Patients Undergoing IVF at 34, 35 or at 36 Years Old Affect the IVF Outcome? A Retrospective Data Analysis. *Medicina (Kaunas, Lithuania)*, 56(2), 92. <https://doi.org/10.3390/medicina56020092>
28. Pantou, A., Sfakianoudis, K., **Maziotis, E.**, Giannelou, P., Grigoriadis, S., Tsioulou, P., Kokkali, G., Koutsilieris, M., Pantos, K., & Simopoulou, M. (2020). Couples with mild male factor infertility and at least 3 failed previous IVF attempts may benefit from laparoscopic investigation regarding assisted reproduction outcome. *Scientific reports*, 10(1), 2350. <https://doi.org/10.1038/s41598-020-59170-5>
29. Sfakianoudis, K., Pantos, K., Grigoriadis, S., Rapani, A., **Maziotis, E.**, Tsioulou, P., Giannelou, P., Kontogeorgi, A., Pantou, A., Vlahos, N., Koutsilieris, M., & Simopoulou, M. (2020). What is the true place of a double stimulation and double oocyte retrieval in the same cycle for patients diagnosed with poor ovarian reserve? A systematic review including a meta-analytical approach. *Journal of assisted reproduction and genetics*, 37(1), 181–204. <https://doi.org/10.1007/s10815-019-01638-z>
30. Simopoulou, M., Sfakianoudis, K., Giannelou, P., Rapani, A., **Maziotis, E.**, Tsioulou, P., Grigoriadis, S., Simopoulos, E., Mantas, D., Lambropoulou, M., Koutsilieris, M., Pantos, K., & Harper, J. C. (2019). Discarding IVF embryos: reporting on global practices. *Journal of assisted reproduction and genetics*, 36(12), 2447–2457. <https://doi.org/10.1007/s10815-019-01592-w>
31. Simopoulou, M., Sfakianoudis, K., **Maziotis, E.**, Tsioulou, P., Giannelou, P., Grigoriadis, S., Pantou, A., Anifandis, G., Christopoulos, P., Pantos, K., & Koutsilieris, M. (2019). Investigating the Optimal Time for Intrauterine Human Chorionic Gonadotropin Infusion in Order to Improve IVF Outcome: A Systematic Review and Meta-Analysis. *In vivo (Athens, Greece)*, 33(6), 1737–1749. <https://doi.org/10.21873/invivo.11664>

32. Sfakianoudis, K., Simopoulou, M., Rapani, A., Grigoriadis, S., **Maziotis, E.**, Giannelou, P., Pantou, A., Vaxevanoglou, T., Fakiridou, M., Koutsilieris, M., & Pantos, K. (2019). The Impact of the Economic Recession in Greece on Assisted Reproduction Demand: A Retrospective Longitudinal Study. *Medicina (Kaunas, Lithuania)*, 55(10), 654. <https://doi.org/10.3390/medicina55100654>
33. Kiriakopoulos, N., Grigoriadis, S., **Maziotis, E.**, Philippou, A., Rapani, A., Giannelou, P., Tsioulou, P., Sfakianoudis, K., Kontogeorgi, A., Bakas, P., Mastorakos, G., Koutsilieris, M., & Simopoulou, M. (2019). Investigating Stress Response during Vaginal Delivery and Elective Cesarean Section through Assessment of Levels of Cortisol, Interleukin 6 (IL-6), Growth Hormone (GH) and Insulin-Like Growth Factor 1 (IGF-1). *Journal of clinical medicine*, 8(8), 1112. <https://doi.org/10.3390/jcm8081112>
34. Simopoulou, M., Sfakianoudis, K., Tsioulou, P., Rapani, A., **Maziotis, E.**, Giannelou, P., Grigoriadis, S., Pantou, A., Nikolettos, K., Vlahos, N., Pantos, K., & Koutsilieris, M. (2019). Should the flexibility enabled by performing a day-4 embryo transfer remain as a valid option in the IVF laboratory? A systematic review and network meta-analysis. *Journal of assisted reproduction and genetics*, 36(6), 1049–1061. <https://doi.org/10.1007/s10815-019-01475-0>
35. Pantou, A., Simopoulou, M., Sfakianoudis, K., Giannelou, P., Rapani, A., **Maziotis, E.**, Grigoriadis, S., Tsioulou, P., Syrkos, S., Souretis, K., Koutsilieris, M., & Pantos, K. (2019). The Role of Laparoscopic Investigation in Enabling Natural Conception and Avoiding in vitro Fertilization Overuse for Infertile Patients of Unidentified Aetiology and Recurrent Implantation Failure Following in vitro Fertilization. *Journal of clinical medicine*, 8(4), 548. <https://doi.org/10.3390/jcm8040548>
36. Simopoulou, M., Sfakianoudis, K., Giannelou, P., Pierouli, A., Rapani, A., **Maziotis, E.**, Galatis, D., Bakas, P., Vlahos, N., Pantos, K., & Koutsilieris, M. (2019). Treating Infertility: Current Affairs of Cross-border Reproductive Care. *Open medicine (Warsaw, Poland)*, 14, 292–299. <https://doi.org/10.1515/med-2019-0026>

37. Sfakianoudis, K., Simopoulou, M., **Maziotis, E.**, Giannelou, P., Tsioulou, P., Rapani, A., Pantou, A., Petroutsou, K., Angeli, I., Deligeoroglou, E., Koutsilieris, M., & Pantos, K. (2019). Evaluation of the Second Follicular Wave Phenomenon in Natural Cycle Assisted Reproduction: A Key Option for Poor Responders through Luteal Phase Oocyte Retrieval. *Medicina (Kaunas, Lithuania)*, 55(3), 68. <https://doi.org/10.3390/medicina55030068>
38. Simopoulou, M., Sfakianoudis, K., **Maziotis, E.**, Grigoriadis, S., Giannelou, P., Rapani, A., Tsioulou, P., Pantou, A., Kalampokas, T., Vlahos, N., Pantos, K., & Koutsilieris, M. (2019). The Impact of Autoantibodies on IVF Treatment and Outcome: A Systematic Review. *International journal of molecular sciences*, 20(4), 892. <https://doi.org/10.3390/ijms20040892>
39. Simopoulou, M., Sfakianoudis, K., Antoniou, N., **Maziotis, E.**, Rapani, A., Bakas, P., Anifandis, G., Kalampokas, T., Bolaris, S., Pantou, A., Pantos, K., & Koutsilieris, M. (2018). Making IVF more effective through the evolution of prediction models: is prognosis the missing piece of the puzzle?. *Systems biology in reproductive medicine*, 64(5), 305–323. <https://doi.org/10.1080/19396368.2018.1504347>
40. Simopoulou, M., Sfakianoudis, K., **Maziotis, E.**, Antoniou, N., Rapani, A., Anifandis, G., Bakas, P., Bolaris, S., Pantou, A., Pantos, K., & Koutsilieris, M. (2018). Are computational applications the "crystal ball" in the IVF laboratory? The evolution from mathematics to artificial intelligence. *Journal of assisted reproduction and genetics*, 35(9), 1545–1557. <https://doi.org/10.1007/s10815-018-1266-6>
41. Simopoulou, M., Philippou, A., **Maziotis, E.**, Sfakianoudis, K., Nitsos, N., Bakas, P., Tenta, R., Zevolis, E., Pantos, K., & Koutsilieris, M. (2018). Association between male Infertility and seminal plasma levels of growth hormone and insulin-like growth factor-1. *Andrologia*, 50(7), e13048. <https://doi.org/10.1111/and.13048>