



Curriculum Vitae

PART I : General Information

Name : Mustafa Kutay K ro lu

Office Address : Ba larbaşı, Sakıza acı Sk. No:3, 34844 Maltepe/İstanbul

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E-Mail : kutaykoroglu@hotmail.com

Place of Birth / Birth Date : Turkey - Karabuk / 03-09-1988

Education:

Year	Degree	Institution
2007-2011	B.Sc.	Ege University, Faculty of Science, Department of Biology, İzmir- Turkey.
2013-2016	M.Sc.	Marmara University, Faculty of Medicine, Department of Histology and Embryology, Istanbul- Turkey.
2017-.....	Ph.D.	Marmara University, Faculty of Medicine, Department of Histology and Embryology, Istanbul- Turkey.

Part II : Clinical Contributions and Experiences**Experiences**

Position	Institution	Duration (Year - Year)
Laborant	Kadıköy Şifa Hospital Microbiology and Biochemistry Lab.	2011-2012
Embryologist	Kadıköy Şifa Hospital IVF Lab.	2012-2017
Regional Sales Representative and Product Specialist	Medek Medikal	2017-2018
Embryology Laboratory Specialist / Senior Embryologist	Jinepol Women's Health and IVF Clinic	2019-2021
Embryology Laboratory Specialist / Senior Embryologist	Maltepe University Hospital Gynecology and IVF Clinic	2021-

Foreign Languages	Reading Comprehension*	Speaking*	Writing*
English	Intermediate	Intermediate	Intermediate

Foreign Language Exam Grade □								
YDS	ÜDS	IELTS	TOEFL IBT	TOEFL PBT	TOEFL CBT	FCE	CAE	CPE
61.25								

Computer skills

Programs	Ability to Use
Office	Advanced

Part III: Format for Bibliography

Courses And Certificates

1. Assisted Reproductive Therapy Laboratory Practices Training Certificate.Certificate no: EMB-000749/2020-038
2. Use of Experimental Animals and Ethical Approach, Marmara University, Faculty of Medicine, DEHAMER, 2013

Scholarships And Awards

1. Turkish Electron Microscopy Association Prof. Dr. Türkan Erbeni Research Award, Second Place, 2019.
2. Marmara Medical Services Development and Assistance Association Scientific Research Award Competition, Third Place, 2019.

Congress-Symposium Events Attended

1. 2nd International Society of Clinical Embryology Congress Turkey, Antalya, 23-25/9/2011
2. Clinical Embryology Society 1st Symposium, Istanbul, 5 December 2012
3. 18th International Microscopy Congress (IMC 2014) Prague, Czech Republic, 07-12/9/2014.
4. 22nd National Electron Microscopy Congress (EMK 2015), Istanbul, Turkey, 02-03/9/2015.
5. 7th National Reproductive Endocrinology and Infertility Congress (TSRM 2016) Antalya, Turkey, 17- 20 November 2016
6. 15th International Congress of Histochemistry and Cytochemistry (ICHC 2017), 18-21 May 2017, Antalya, Turkey.
7. 19th World Congress on In Vitro Fertilization in conjunction with VI. Society of Reproductive Medicine and Surgery Congress, Antalya, Turkey, October 4- 8, 2017.
8. International Association of Clinical Biochemistry Specialists Congress, Antalya, 1-5 October 2017
9. 6. Acıbadem Women's Birthdays, Istanbul, 6-8 April 2018
10. TSRM 2018 National Reproductive Health and Infertility Congress. Antalya Turkey. 8-11 November 2018.
11. 3rd Symposium of the Society of Clinical Embryology, Istanbul, 6 December 2018

12. 7. Acıbadem Women's Birthdays, Istanbul, 28,30 March 2019
13. 5th Clinical Embryology Society Congress Turkey, İzmir, 20-22 September 2019
14. 7. Congress of Reproductive Medicine and Surgery Association, Antalya, 3-6 October 2019
15. 8. Congress of Reproductive Medicine and Surgery Association, Antalya, 28-31 October 2021
16. TSRM 2021 National Reproductive Health and Infertility Congress. Antalya Turkey. 10-14 November 2021.
17. 1. IVF and infertility association congress – TUBID. Lefkoşa Cyprus 29 September- 02 October 2022

Poster Papers International Scientific Activities

1. Macit Ç., Çadırcı S., **Köroğlu M.K.**, Ercan F., Şener G. Protective effects of exercise and caloric restriction on cardiovascular system in aged rats: Morphological and biochemical. Poster Sunumu, 18th International Microscopy Congress (IMC 2014) Prag, Çek Cumhuriyeti, 07-12 Eylül 2014.
2. Çadırcı S., **Köroğlu M.K.**, Ercan F., Şener G. Protective Effects of Quercetin in Cisplatin Induced Urinary Bladder Damage in Rats. Poster Sunumu, 18th International Microscopy Congress (IMC 2014) Prag, Çek Cumhuriyeti, 07-12 Eylül 2014.
3. Sevil Arabacı Tamer, Alper Yıldırım, **M. Kutay Köroğlu**, Özge Dağdeviren Çevik, Feriha Ercan, Berrak Ç. Yeğen. Nesfatin-1 protects against torsion-induced testicular oxidative injury in rats (ICHC 2017) 18-21 May 2017, Antalya, Turkey
4. **M. Kutay Köroğlu**, Özge Çevik, Göksel Şener, Feriha Ercan. Morphological and Biochemical Evaluation of Protective Effects of Apocynin on Cisplatin-Induced Testicular Damage (ICHC 2017) 18-21 May 2017, Antalya, Turkey
5. Sevil Arabacı Tamer, Şule Arabacı, Selin Çiftci, Sena Akın, Elif Sarı, Hakim Ahmetoğlu, **M. Kutay Köroğlu**, Feriha Ercan, Özge Dağdeviren Çevik, Meral Yüksel, Alper Yıldırım, Berrak Ç.Yeğen. Testicular torsion-induced tubular injury and disturbed spermatogenesis in rats were improved with an estrogen receptor-beta agonist (ICHC 2017) 18-21 May 2017, Antalya, Turkey
6. Elif Bahadır, **M. Kutay Köroğlu**, Feriha Ercan, Inci Alican. The effect of phosphodiesterase-5 inhibitor tadalafil on the severity of joint injury in rats with adjuvant arthritis (ICHC 2017) 18-21 May 2017, Antalya, Turkey
7. L. S. Sen, M. M. Kahraman, K. S. Mermer, **K. Koroglu**, M. Yuksel, N. Imeryuz, F. Ercan, B. C. Yegen. Phoenixin-14 Ameliorates Cholestatic Liver Injury And Bile-Induced Acute Pancreatic Injury In Rats (DDW 2022) May 21-24, San Diego, California

Articles published in journals scanned by indexes SCI (Index Medicus, Biological Abstract / Biosis, Chemical Abstract, Excerpta Medica, Subis).

1. 383: phoenixin-14 ameliorates cholestatic liver injury and bileinduced acute pancreatic injury in rats. *Gastroenterology*, 2022. Merve Meric Kahraman, Kadriye S Mermer, **Kutay Koroglu**, Meral Yuksel, Nese Imeryuz, Feriha Ercan, Berrak C Yegen
2. High cholesterol diet activates ER stress mediated apoptosis in testes tissue: Role of α -tocopherol. *IUBMB life*, 10.1002/iub.2535. Advance online publication. <https://doi.org/10.1002/iub.2535> Sozen, E., Demirel-Yalciner, T., **Koroglu, M. K.**, Elmas, M. A., Ercan, F., & Ozer, N. K. (2021).
3. Protective effects of quercetin against cisplatin induced urogenital organ toxicity *Journal of Research in Pharmacy* 2020, Vol 24, Issue 5 doi: 10.35333/jrp.2020.219 Tarık Emre ŞENER, Selin ÇADIRCI, Özge ÇEVİK, Feriha ERCAN, **M. Kutay KÖROĞLU**, Selin ŞAKARCAN, Göksel ŞENER
4. Apocynin alleviates cisplatin-induced testicular cytotoxicity by regulating oxidative stress and apoptosis in rats. *Andrologia*. 2019 May;51(4)e13227. doi: 0.1111/and.13227. Epub 2019 Jan 8. **Köroğlu KM**, Çevik Ö, Şener G, Ercan F.
5. PPP2R3C gene variants cause syndromic 46XY gonadal dysgenesis and impaired spermatogenesis in humans. *Eur J Endocrinol*. 2019 May 1;180(5):291-309. doi: 10.1530/EJE-19-0067. Guran T, Yesil G, Turan S, Atay Z, Bozkurtlar E, Aghayev A, Gul S, Tinay I, Aru B, Arslan S, **Koroglu MK**, Ercan F, Demirel GY, Eren FS, Karademir B, Bereket A.
6. Treatment with estrogen receptor agonist ER β improves torsion-induced oxidative testis injury in rats. *Life sciences* 222, 203-211. Sevil Arabacı Tamer, Alper Yıldırım, Şule Arabacı, Selin Çiftçi, Sena Akın, Elif Sarı, **M Kutay Köroğlu**, Feriha Ercan, Meral Yüksel, Özge Çevik, Berrak Ç Yeğen
7. Nesfatin-1 ameliorates testicular injury and supports gonadal function in rats induced with testis torsion. *Peptides*. 2018 Sep;107:1-9. doi: 10.1016/j.peptides.2018.07.005. Epub 2018 Jul 18. Arabaci Tamer S, Yildirim A, **Köroğlu MK**, Çevik Ö, Ercan F, Yeğen BÇ.
8. Effect of phosphodiesterase-5 inhibition on joint and muscle damage in rats with adjuvant arthritis *Turk J Med Sci*. 2018 Jun 14;48(3):635-643. doi: 10.3906/sag-1704-157. Bahadır FE, **Köroğlu MK**, Yüksel M, Ercan F, Alican Yİ.
9. Treatment with estrogen receptor agonist ER beta, but not ER alpha, improves torsion induced oxidative testis injury in rats. *ACTA PHYSIOLOGICA* 221, 258-258. S Arabaci Tamer, S Arabaci, S Ciftci, S Akin, E Sari, H Ahmetoglu, **MK Koroglu**, F Ercan, M Yuksel, A Yildirim, B Yegen
10. Evaluation of the possible protective role of naringenin on gentamicin-induced ototoxicity: A preliminary study. *Int J Pediatr Otorhinolaryngol*. 2017 Sep;100:247-253. doi: 10.1016/j.ijporl.2017.07.008. Epub 2017 Jul 9. Koçak I, Sarac S, Aydoğan E, Şentürk E, Akakın D, **Koroglu K**, Özer ÖF.
11. Protective effect of ferulic acid on cisplatin induced nephrotoxicity in rats.

- Environ Toxicol Pharmacol. 2017 Sep;54:105-111. doi: 10.1016/j.etap.2017.06.026. Epub 2017 Jul 1. Bami E, Ozakpınar OB, Ozdemir-Kumral ZN, **Köroğlu K**, Ercan F, Cirakli Z, Sekerler T, Izzettin FV, Sancar M, Okuyan B.
12. Effects of Foeniculum vulgare essential oil compounds, fenchone and limonene, on experimental wound healing. Biotech Histochem. 2017;92(4):274-282. doi: 10.1080/10520295.2017.1306882. Epub 2017 Apr 20. Keskin I, Gunal Y, Ayla S, Kolbasi B, Sakul A, Kilic U, Gok O, **Koroglu K**, Ozbek H.
13. Mp45-04 beneficial effects of quercetin on rat corpus cavernosum after cisplatin treatment. The Journal of Urology 197 (4S), e612-e613. I Tinay, S Cadirci, O Cevik, F Ercan, **K Koroglu**, G Sener.
14. The protective effect of thymol against cisplatin-induced ototoxicity: an experimental animal study. J Otolaryngol-Head Neck Surg (electronic) 16, 43-52. İlker KOÇAK, Ömer Faruk ÜNAL, Esra AYDOĞAN, Remzi DOĞAN, Dilek AKAKIN, **Kutay KÖROĞLU**, Ömer Faruk ÖZER
15. Investigation of the Anti-inflammatory and Anti-oxidant Effects of Phosphodiesterase-5 Inhibitor Tadalafil on Rat Adjuvant-induced Model of Arthritis. ACTA PHYSIOLOGICA 218, 18-19. EF Bahadır, **KM Koroglu**, M Yuksel, F Ercan, I Alican.

Poster Papers İn National Scientific Activities

1. **Köroğlu M.K.**, Çevik Ö., Şener G., Ercan F. Morphological and Biochemical Evaluation of the Possible Healing Effect of Aposine against Testicular Damage Caused by Cisplatin. Poster Presentation, 22nd National Electron Microscopy Congress (EMK 2015), Istanbul, Turkey, 02-03 September 2015.