

Curriculum Vitae

1. Name Surname : Ömer Faruk KARASAKAL

Contact

Information : Mimar Sinan Mh. Selman-ı Pak Cd. PK:34664 Üsküdar/İstanbul
Address

E-mail : omerfaruk.karasakal@uskudar.edu.tr

2. Date of Birth : 20.02.1989

3. Title : Lecturer

4. Education
Status :

Degree	Field	University	Year
Bachelor's Degree	Biology	Balıkesir University	2007-2011
Master Degree	Biology/Biochemistry	Balıkesir University	2011-2013
PhD.	Biology/Biochemistry	Marmara University	2015-.....

5. Academic Title

Lecturer – T. C. ÜSKÜDAR UNIVERSITY- Health Services Vocational School (2014 -)

6. Managed Masters and PhD. Thesis

Master Thesis: "Evaluation of Some Pesticides Used in Agriculture for Antioxidant Enzymes Effect in *Cyprinus carpio carpio*", Balıkesir, 2013.

PhD Thesis: "Evaluation the Effects of Some Antidepressant Drugs on Oxidative Stress Parameters with Biochemical and Molecular Methods in Zebrafish (*Danio rerio*)". (2015 -)

7. Publications

7.1. Articles published in international peer-reviewed journals

7.1.1. Fadimana Çatal, Özer Akgül, Burcu Sapmaz, Turgut Çatal, **Ömer Faruk Karasakal**, Erhan Özyurt, Özlem Koyuncu Özyurt. The Colonization and Infection Relationship in Hospitalized Patients at Intensive Care Unit. Indian Journal of Applied Research. 2015; 5(9): 568-570.

7.1.2. Uysal HK, Akgul Ö, Metiner K, Bayırlıoğlu Ş, Babaoğlu ÜT, Purisa S, Çetinkaya H, **Karasakal ÖF**, Öner YA. Istanbul, endemic listeriosis and toxoplasmosis molecular detection dogs in shelters in Turkey. Inter J Vet Sci. 2017; 6 (1): 36-40.

7.1.3. Kayhan Figen Esin, Tartar Kızılkaya Şeyma, Esmer Duruel Harika Eylül, **Karasakal Ömer Faruk**, Kaymak Güllü. Potential toxic effects of mancozeb on catalase (CAT) activity and zebrafish brain tissue on lipid peroxidation (LPO), Danio rerio. Elixir Pollution. Vol. 114, pp. 49318-49322, 2018.

7.2. Proceedings Papers Presented in International Scientific Meetings

7.2.1. Karasakal Ö. F., Alan Ü., Diken M., E., Bozdemir K., Güngör N., Doğan S., “Effects of Some Pesticides on Catalase and Glutathione S-Transferase in Cyprinus carpio carpio”, 22nd IUBMB & 37th FEBS Congress, Sevilla/Spain, 2012.

7.2.2. Karasakal Ö.F., Doğan S., Diken M.E., Alan Ü., Doğan M. and Arslan O., “ Inhibition Effect of Some Pesticides on Glutathion Reductase and Glutathion Peroxidase” , 14th EuCheMS International Conference on Chemistry and the Environment(ICCE 2013), Barcelona/Spain, 2013.

7.2.3. Karasakal Ö.F., Doğan S., Alan Ü., Diken M.E, Kocatürk B. and Alkan, M., “ Effect of Some Pesticides on Antioxidant Enzymes Obtained from Cyprinus Carpio Carpio”, 14th EuCheMS International Conference on Chemistry and the Environment(ICCE 2013), Barcelona/Spain, 2013.

7.2.4. KAYHAN, F. E., KARASAKAL, Ö. F., ESMER, H. E., TARTAR, Ş., & KAYMAK, G., Potential toxic effects of mancozeb on catalase (CAT) activity and lipid peroxidation (LPO) on brain tissue of zebrafish, Danio rerio. Presented at the 41st FEBS Congress, Ephesus /Turkey.

7.2.5. HE. Akgül, B. Sapmaz, F. Çatal, P. Yüksel, R. Caliskan, H. Kirkoyun Uysal, Ö.F. Karasakal, G. Aygün. The Complex and Alarming Resistance Status on Clostridium difficile in Turkey. FEMS 2017 Congress, Valencia, Spain 2017.

7.2.6. HE. Akgul, B. Sapmaz, Ö.F. Karasakal, H. Kirkoyun Uysal, Y.A. Öner. Detection of Intestinal Parasites with Conventional and Molecular Methods in HIV / AIDS Cases. FEMS 2017 Congress, Valencia, Spain 2017.

7.3. International Books or Book Chapters

7.4. Articles published in national journals

7.5. Papers presented at National Scientific Meetings

7.5.1. Diken, M. E., Dođan, S., Alan, Ü., Bozdemir, K., **Karasakal, Ö. F.**, Güngör, N., Dođan, M., "Peroxidase Activity of *Sideritis Athoa*", Kazdaglari III. National Symposium, Balikesir, 2012

7.5.2. Diken, M. E., Dođan, S., Alan, Ü., **Karasakal, Ö. F.**, Güngör, N., Dođan, M., Kara, S., "Some Kinetic Properties of the peroxidase in *Origanum onites L.*", II. Physical Chemistry Days, Burhaniye/Balikesir, 2012

7.5.3. Özer Akgül, Burcu Sapmaz, Omer Faruk Karasakal, Reyhan Çalıřkan, Hayriye Kırkoyun Uysal, Taner Yıldırım, Yařar Ali Öner. HIV / AIDS cases *Giardia spp.* Detection by Conventional and Molecular Methods. HIV / AIDS Congress. Antalya, Turkey, 2017.

7.5.4. Özer Akgül, Burcu Sapmaz, Omer Faruk Karasakal, Reyhan Çalıřkan, Hayriye Kırkoyun Uysal, Taner Yıldırım, Yařar Ali Öner. Unimportant Problem in the Management of HIV / AIDS Cases: *Blastocystis spp.* HIV / AIDS Congress. Antalya, Turkey, 2017.

7.5.5. Özer Akgül, Burcu Sapmaz, Omer Faruk Karasakal, Reyhan Çalıřkan, Hayriye Kırkoyun Uysal, Taner Yıldırım, Yařar Ali Öner. An Opportunistic *Amoeba* Case of HIV / AIDS: *Dientamoeba spp.* HIV / AIDS Congress. Antalya, Turkey, 2017.

7.5.6. Özer Akgül, Burcu Sapmaz, Omer Faruk Karasakal, Reyhan Çalıřkan, Hayriye Kırkoyun Uysal, Taner Yıldırım, Yařar Ali Öner. HIV and *Entamoeba histolytica* in Istanbul. HIV / AIDS Congress. Antalya, Turkey, 2017.

7.5.7. Özer Akgül, Burcu Sapmaz, Omer Faruk Karasakal, Reyhan Çalıřkan, Hayriye Kırkoyun Uysal, Taner Yıldırım, Yařar Ali Öner. In a local AIDS community, *Cryptosporidium spp.* Diagnosis. HIV / AIDS Congress. Antalya, Turkey, 2017.

7.5.8. Özer Akgül, Burcu Sapmaz, Omer Faruk Karasakal, Reyhan Çalıřkan, Hayriye Kırkoyun Uysal, Taner Yıldırım, Yařar Ali Öner. Mixed Intestinal Parasitic Infection in 7 HIV / AIDS Cases in. HIV / AIDS Congress. Antalya, Turkey, 2017.

7.5.9. Özer Akgül, Burcu Sapmaz, Omer Faruk Karasakal, Reyhan Çalıřkan, Hayriye Kırkoyun Uysal, Taner Yıldırım, Yařar Ali Öner. Microscopic and Molecular Diagnosis of HIV / AIDS Case in Terms of Intestinal Parasites. HIV / AIDS Congress. Antalya, Turkey, 2017.

7.5.10. Özer Akgül, Burcu Sapmaz, Omer Faruk Karasakal, Reyhan Çalıřkan, Hayriye Kırkoyun Uysal, Taner Yıldırım, Yařar Ali Öner. Clinic of HIV / AIDS Case of Intestinal Parasitic Infections. HIV / AIDS Congress. Antalya, Turkey, 2017.

7.6 Other Publications

8. Projects

8.1. The Evaluation Effects Of Some Pesticides Using In Agriculturel To Antioxidant Enzymes In *Cyprinus Carpio Carpio* (Completed)

8.2. "Evaluation the Effects of Some Antidepressant Drugs on Oxidative Stress Parameters with Biochemical and Molecular Methods in Zebrafish (*Danio rerio*)"Coordinator-Researcher. Marmara University Scientific Research Projects Unit. Istanbul, 2017- Continue.

9. Administrative Tasks

9.1. (Üsküdar University, Vocational School of Health Services, Head of Radiotherapy Program, 2015-2017)

9.2. (Üsküdar University, Health Services Vocational School, Horizontal Transit and Exemption Coordinator, 2017- present)

9.3. (Üsküdar University, Vocational School of Health Services, Head of Medical Laboratory Techniques Program, 2017- Present)

10. Memberships in scientific organizations

Pharmacogenomics and Individualized Therapy Association

11. Awards

12. Given courses at undergraduate and graduate level in last two years

Academic Year	Term	Course name	Weekly Hours		Number of Students
			Theoric	Practice	
2015-2016	Autumn	Biochemistry	2	0	101
		Anatomy and Physiology	3	0	168
		Laboratory Safety	2	0	39
		Biological Hazards in Medical Devices	2	0	22
	Spring	Biochemistry	2	0	60
		Use and Care of Laboratory Instruments	3	0	34
Introduction to Communication Skills		2	0	155	
2016-2017	Autumn	Biological Hazards in Medical Devices	2	0	38
		Basic Anatomy and Physiology	3	0	212
		Biochemistry	2	0	39

		Clinical Biochemistry	3	2	35
		For audiologists Basic Biological Sciences II	3	0	81
	Spring	Biochemistry	2	0	335
		Study Biological Factors in the environment (Occupational Health and Safety Program)	3	0	134
		Use and Care of Laboratory Instruments	2	0	53

13. Refereeing Experiences

13.1. Journal of Life Sciences (<http://dergipark.gov.tr/tjls>)

14. Courses and Certificates

14.1. "Multidisciplinary Approach Workshop on Biochemistry Laboratory Education" at Gazi University Faculty of Pharmacy on 3-4 May 2012 na Participation Certificate

14.2. Balıkesir University, held on May 24-25-26, 2012 "Kazdağları III. National Symposium Participation Certificate "

14.3. Certificate training in the establishment of Balıkesir University Central Research Laboratories "LC-MS / MS System, Components and Basic Usage Certificate of Use"

14.4. Certificate training held at Balıkesir University Central Research Laboratory setup "Shimadzu Gas Chromatography Mass Spectrometer System / GCMS-QP2010 Ultra Usage Certificate"

14.5. Certificate training held at Balıkesir University Central Research Laboratories "UVP brand Biospectrum Gel Imaging System Use Certificate"

14.6. T. C. After the training and exam held by the Ministry of Labor and Social Security, Class C Job Security Expert (2013-present)

14.7. "Article Workshop" na (20 Hours) Participation Certificate of Üsküdar University Health Services Vocational High School and Üsküdar University Medical Radiation Application and Research Center (USMERA) in 2017-2018 Academic Semester Fall Semester

14.8. Participation Certificate for "Human Life Profession: Occupational Health and Safety Seminar" organized by Üsküdar University on 24 April 2018

14.9. "General Fire Training and Exercise" Participation Certificate organized by Bahçelievler Search and Rescue Association