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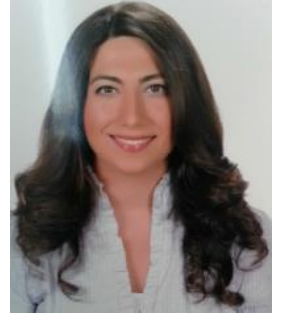
MUKADDES AVŞAR SARAL

Assist. Prof. Dr.

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EDUCATIONAL INFORMATION

- Bachelor: Atatürk University, Faculty of Science, Department of Biology (2005-2009)
- MSc: Istanbul University, Institute of Oncology , Department of Basic Oncology, Science of Oncological Biology and Immunology (2010-2013)
Thesis Subject: The Investigation of Fibulin-2 Gene in Patients With Lung Cancer
Thesis Advisor: Prof. Dr. Hülya Yazıcı
- PhD: Istanbul University, Institute of Oncology , Department of Basic Oncology, Science of Cancer Genetics (2013- 2019)

LANGUAGES

- English

COMPUTER

- Windows, MS Word, Excel, Power Point, EndNote, SPSS

WORK EXPERIENCE

- 2007 Cerrahpasa Medical Faculty, Laboratory of Pathology, Intern
- 2010 Arkaz Group, Private Anadolu Hospital, Laboratory of Pathology, Biologist
- 2012-2013 Private Arda Driving School, Private Gözen Driving School, First Aid Trainer.
- 2013-Present, Istanbul University, Institute of Oncology , Department of Basic Oncology, Science of Cancer Genetics, Part-Time Assistant

COURSES AND CERTIFICATES

- TUS-DATA of Science Center, Basic Medical Science Education. 2009
- First Aid Instructor Certification. Istanbul Governorship Provincial Directorate of Health. 2011

- Hybrid Courses. Hybrid Course in Integration of Cytogenetics, Microarrays and Massive Sequencing in Biomedical and Clinical Research. The course consisted of theoretical lectures web-casted by the ESGM Main Training Center at Ronzano (Bologna, Italy). At ESGM's Remote Training Center of Istanbul. 25-28.10.2011
- Real Time PCR-Based Gene Expression, Mutation and Methylation Profiling Seminar. Qiagen. 2012
- ISO 15189 Accreditation of Medical Laboratories in Turkey, TÜRKAK. 2012
- GeXP/CEQ DNA Certificate of Sequence Analysis System. Istanbul University, Laboratory of Cancer Genetics. 2012
- Istanbul Medeniyet University. Advances in Cancer Management. 2013
- 20. National Cancer Congress. Antalya. 19-23.04.2013

PUBLICATIONS

- 1- **Mukaddes Avsar Saral**^{1,2,3}, Seref Bugra Tuncer¹, Demet Akdeniz Odemis¹, Ozge Sukruoglu Erdogan¹, Seda Kilic Erciyas¹, Pinar Saip⁴, Sevda Ozel⁵, Hulya Yazici “New biomarkers in peripheral blood of patients with ovarian cancer: high expression levels of miR-16-5p, miR-17-5p, and miR-638” Arch Gynecol Obstet 2021 Aug 9. doi: 10.1007/s00404-021-06138-z.
- 2- Arash Adamnejad Ghafour^{1,2}, Demet Akdeniz Odemis¹, Seref Bugra Tuncer¹, Busra Kurt¹, **Mukaddes Avsar Saral**³, Seda Kilic Erciyas¹, Ozge Sukruoglu Erdogan¹, Betul Celik¹, Pinar Saip⁴, Hulya Yazici^{5,6} “High expression level of miR-1260 family in the peripheral blood of patients with ovarian carcinoma” J Ovarian Res 2021 Oct 10;14(1):131. doi: 10.1186/s13048-021-00878-x.
- 3- Demet Akdeniz ODEMIS, Hulya YAZICI, Orkun GURBUZ, Seref Bugra TUNCER, Ozge Sukruoglu ERDOGAN, Seda Kilic ERCIYAS, Betul CELIK, **Mukaddes AVSAR**, Gozde Kuru TURKCAN, Nejat DALAY “Downregulation of Forkhead Transcription Factor (FOXO3a) Contributes to Tumorigenesis of Acute Myeloid Leukemia and Chronic Myeloid Leukemia” International Journal of Hematology and Oncology 2021, Vol 31, Num 3 Page(s): 028-035 doi: 10.4999/uhod.214448
- 4- Seref Bugra Tuncer, Ozge Sukruoglu Erdogan, Seda Kilic Erciyas, **Mukaddes Avsar Saral**, Betul Celik, Demet Akdeniz Odemis, Gozde Kuru Turkcan, and Hulya Yazici “miRNA expression profile changes in the peripheral blood of monozygotic discordant twins for epithelial ovarian carcinoma: potential new biomarkers for early diagnosis and prognosis of ovarian carcinoma” J Ovarian Res. 2020 Aug 27;13(1):99. Doi: 10.1186/s13048-020-00706-8.
- 5- Ozge Sukruoglu Erdogan, Seref Bugra Tuncer, Seda Kilic, Demet Akdeniz Odemis, Gozde Kuru Turkcan, Betul Celik, **Mukaddes Avsar**, Hulya Yazici “Genome-wide methylation profiles in monozygotic twins with discordance for ovarian carcinoma” ONCOLOGY LETTERS 20: 357, 2020 Published online on: October 14, 2020 <https://doi.org/10.3892/ol.2020.12221>

- 6- Hulya Yazici¹, Demet Akdeniz Odemis¹ Dogukan Aksu², Ozge Sukruoglu Erdogan¹, Seref Bugra Tuncer¹, **Mukaddes Avsar**¹, Seda Kilic¹, Gozde Kuru Turkcan¹, Betul Celik¹, and Muhammed Ali Aydin² "New Approach for Risk Estimation Algorithms of BRCA1/2 Negativeness Detection with Modelling Supervised Machine Learning Techniques" Disease Markers 2020 Dec 9;2020:8594090. <https://doi.org/10.1155/2020/8594090>
- 7- Demet Akdeniz Odemis¹, Seref Bugra Tuncer¹, Arash Adamnejad Ghafour¹, Khariga Jabbarli¹, Yasemin Gider¹, Betul Celik¹, Gozde Kuru Turkcan¹, Ozge Sukruoglu Erdogan¹, Seda Kilic Erciyas¹, **Mukaddes Avsar**¹, Rejin Kebudi², Sema Buyukkapu Bay², Samuray Tuncer³, Hulya Yazici¹ "FGFR4 c.1162G > A (p.Gly388Arg) Polymorphism Analysis in Turkish Patients with Retinoblastoma" J Oncol. 2020 Dec 30;2020:9401038. [doi: 10.1155/2020/9401038](https://doi.org/10.1155/2020/9401038).
- 8- **Avsar M**¹, Tambas M², Yalniz Z¹, Akdeniz D¹, Tuncer SB¹, Kilic S¹, Sukruoglu Erdogan O¹, Ciftci R³, Dagoglu N², Vatansver S³, Yazici H⁴. The expression level of fibulin-2 in the circulating RNA (ctRNA) of epithelial tumor cells of peripheral blood and tumor tissue of patients with metastatic lung cancer. Mol Biol Rep. 2019 Aug;46(4):4001-4008. Doi: 10.1007/s11033-019-04846-z.
- 9- Akdeniz D, Tuncer SB, Kebudi R, Celik B, Kuru G, Kilic S, Sukruoglu Erdogan O, **Avsar M**, Buyukkapu Bay S, Tuncer S, Yazici H. Investigation of new candidate genes in retinoblastoma using the TruSight One "clinical exome" gene panel. Mol Genet Genomic Med. 2019 Aug;7(8):e785. Doi: 10.1002/mgg3.785. Epub 2019 Jun 17.
- 10- Tuncer SB, Akdeniz D, Celik B, Kilic S, Sukruoglu O, **Avsar M**, Ozer L, Ekenel M, Ozel S, Yazici H. The expression levels of miRNA-15a and miRNA-16-1 in circulating tumor cells of patients with diffuse large B-cell lymphoma. Mol Biol Rep. 2019 Feb;46(1):975-980. Doi: 10.1007/s11033-018-4554-4. Epub 2018 Dec 14.
- 11- Hülya Yazıcı¹, Seda Kılıç¹, Demet Akdeniz¹, Özge Şükrüoğlu¹, Şeref Buğra Tuncer¹, **Mukaddes Avşar**¹, Gözde Kuru¹, Betül Çelik¹, Seden Küçüçük², Pınar Saip³ Frequency of Rearrangements Versus Small Indels Mutations in BRCA1 and BRCA2 Genes in Turkish Patients with High Risk Breast and Ovarian Cancer (Eur J Breast Health 2018; 14: 93-99) DOI: 10.5152/ejbh.2017.3799
- 12- GK TÜRKCAN, DA ÖDEMİŞ, **M AVŞAR**, ŞB TUNÇER, S KILIÇ ERCİYAS, Ö ŞÜKRÜOĞLU ERDOĞAN, D TAŞTEKİN, S KARABULUT, E KAYTAN, H YAZICI, The Association of Pancreatic Cancer and PALB2 Gene Mutations in the Turkish Population Turk J Oncol 2019;34(3):283–90 doi: 10.5505/tjo.2019.1948
- 13- **AVŞAR SARAL M**, ÇIRAK N, KURU TÜRKCAN G, AKDENİZ ÖDEMİŞ D, TUNÇER Ş B, KILIÇ ERCİYAS S, ŞÜKRÜOĞLU ERDOĞAN Ö, TAMBAŞ M, YAZICI H "Metastatik Akciğer Kanseri Hastalarının Periferik Kanında Yeni Aday Biyomarker: Yüksek DICER1 Ekspresyon Düzeyi", Aydın Sağlık Dergisi Yıl 6 Sayı 2- Haziran 2020 ISSN 2149-5769