

Curriculum Vitae

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Academic Education:

1. B.Sc, 1999, physics, Islamic Azad University, Tehran, Iran.
2. M.Sc, 2005, physics, Islamic Azad University, Tehran, Iran
3. Ph.D, 2013, physics, Islamic Azad University, Tehran, Iran

Academic Qualification:

PhD, Assistant Professor

Current position:

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PUBLICATIONS

1. Extremely Low Frequency Electromagnetic Fields Alter Expression of C-Myc and circ-CCDC66 in Gastric Cancer Cell Line. Fereshteh Mansoury, Nahid Babaei, Soheila Abdi*, Maliheh Entezari, Abbas Doosti, Hadiseh Mohmmadpour, Fatemeh Mashayekhi. Journal of Human Genetic and Genom. **2022**.
2. Electromagnetic Fields Change the Expression of Suppressor of Cytokine Signaling 3 (SOCS3) and Cathepsin L2 (CTSL2) Genes in Adenocarcinoma Gastric (AGS) Cell Line. Nafiseh Sadat Mousavi Maleki, Maliheh Entezari, **Soheila Abdi**, Neda Tekiyehmaroof. International journal of cancer management. **2022**.
3. Pulsed Magnetic Fields Cause hes1 and hsa-Circ-0068530 Expression Changes in Gastric Cancer Cell Line and Human Normal Fibroblast Cell Line. Fereshteh Mansoury, Nahid Babaei, **Soheila Abdi***, Maliheh Entezari, Abbas Doosti, Fatemeh Mashayekhi. Jentashapir J Cell Mol Biol. **2021**.
4. Evaluation of BCL2 and its regulatory miRS, miR-15-B and miR-16 expression changes under the exposure of extremely low frequency electromagnetic fields on human gastric cancer cell line. Sahar heidari, **Soheila Abdi***, Shohreh Zare Karizi. Radiation Protection Dosimetry. **2021**.
5. Changes in NOTCH1 gene and its regulatory circRNA, hsa_circ_0005986 expression pattern in human gastric adenocarcinoma and human normal fibroblast cell line following the exposure to extremely low frequency magnetic field. Fereshteh Mansoury, Nahid Babaei, **Soheila Abdi***, Maliheh Entezari, Abbas Doosti. Electromagnetic Biology and Medicine. **2021**.
6. The Effect of extremely low frequency (50 Hz) magnetic fields on Gastric Cancer Cell line and Expression of PTEN and circRNA-CDR1as Genes. Fereshteh Mansoury, Nahid Babaei, **Soheila Abdi***, Maliheh Entezari, Abbas Doosti. International Journal of Cancer Management. **2021**.
7. Up-regulation of miR-144 and miR-375 in the human gastric cancer cell line following the exposure to extremely low-frequency electromagnetic fields. Fatemeh Aalami

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- Zavareh, **Soheila Abdi***, Maliheh Entezari. International journal of radiation biology. **2021**.
8. Plasmacytoma variant translocation 1 and nicotinamide phosphoribosyl-transferase long noncoding RNAs promote colorectal cancer. Shaghayegh Mehrara, Hadiseh Mohammadpour, seyed Rohollah miri, **Soheila Abdi**. **2021**.
 9. Effect of FE DBD plasma on microbiological and chemical properties of Nigella Sativa L. **Soheila Abdi***, Maryam Moslehishad, Laya Dejam. Journal of Basic Research in Medical Science. **2020**.
 10. Decontamination of red pepper using cold atmospheric pressure plasma as alternative technique. **Soheila Abdi**, Ashrafalsadat Hosseini, Maryam Moslehishad, Davoud Dorrnian. APPLIED FOOD BIOTECHNOLOGY. **2019**.
 11. Effects of static and electromagnetic fields on human serum paraoxonase-1 activity in Vitro. **Soheila Abdi***. Journal of Basic Research in Medical Science. **2018**.
 12. Effect of CTAB concentration on the properties of ZnO nanoparticles produced by laser ablation method in CTAB solution. **Soheila Abdi ***, Davoud Dorrnian. Optic and laser in technology. **2018**.
 13. Effect of Oxygen on Decontamination of Cumin seeds by atmospheric pressure dielectric barrier discharge plasma. **Abdi soheila**, Dorrnian Davood, Mohammadi Kyana. Plasma medicine. **2016**.
 14. Effect of extremely low frequency electromagnetic field on human low density lipoprotein physicochemical modifications in vitro. **Soheila Abdi**, Gholam Ali Naderi*, Davoud Dorrnian, Amirnader Emami Razavi. STUDIA UBB CHEMIA. **2016**.
 15. Association of Adipokine concentration and Myeloperoxidase in Patients with Coronary Artery Disease. Gholam Basati, Amirnader Emami Razavi*, Nisal Sarrafzadegan, **Soheila Abdi**. Acta Medica Iranica. **2014**.
 16. Elevated level of microRNA-21 in the serum of patients with colorectal cancer Serum paraoxonase 1 activity is associated with fatty acid composition of high density lipoprotein. Gholam Basati, Amirnader Emami Razavi*, **Soheila Abdi**, Asad Mirzaie. Medical Oncology. **2014**.
 17. Reciprocal effects of cadmium and pH on the intestinal absorption of fatty acids in rat. Amirnader Emami Razavi, Gholam Basati, **Soheila Abdi**. Tehran University Medical Journal. **2014**.
 18. Serum paraoxonase 1 activity is associated with fatty acid composition of high density lipoprotein. Maryam Boshtam, Amirnader Emami Razavi, Morteza Pourfarzam, Mohsen Ani, Gholam Ali Naderi, Gholam Basati, Marjan Mansourian, Narges Jafari Dinani, Seddigheh Asgary and **Soheila Abdi**. Disease Markers. **2013**.
 19. Evaluation of the effects of weak and moderate static magnetic fields on the characteristics of human low density lipoprotein in vitro. **Abdi S***, Dorrnian D, Razavi AE, Naderi GA, Boshtam M, Ghorannevis M. Bioelectromagnetics. **2013**.
 20. Association between HDL particles size and MPO/PON1 ratio in patients with acute coronary syndrome. A. Emami Razavi, G. Basati, J. Varshosaz, **Soheila Abdi**. Acta Medica Iranica. **2013**.

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21. Association of plasma leptin, homocysteine and nitric oxide levels with the presence and unstability of coronary artery disease. Gholam Basati, Amirnader Emami Razavi, Nisal Sarrafzadegan, **Soheila Abdi**. *Biomarker in Medicine*. **2013**.
22. Effect of DC magnetic fields on LDL oxidation. **Soheila Abdi**, Davood Dorrnian, Amirnader Emami Razavi, Gholamali Naderi, Maryam Boshtam. *Circulation*.**2012**.
23. Human serum lipoprotein zeta potential measurement by zetasizer instrument, a method development. J. Varshosaz, **S. Abdi**, E. Moazen, A Emami Razavi. *Research in Pharmaceutical Sciences*.**2012**.

CONGRESS PRESENTATIONS

1. **Abdi S**, Effects of electromagnetic fields on human paraoxonase-1 activity in vitro, **Nanoscience in chemistry, physics, biology and mathematics, 28-30 june,2017, cluj-Napoca, Romania**.
 2. **Abdi S**, Dorrnian D, Naderi GH, Emamirazavi AN. Changes in physicochemical characteristics of human low density lipoprotein nano- particles following electromagnetic fields. **Nanoscience in chemistry, physics, biology and mathematics, 12-14 Novamber, 2015, cluj- Napoca, Romania**.
 3. Majd A, Shabrangi A, Bahar M, **Abdi S**. Effects of AC and DC magnetic fields on seed germination and early vegetative growth in Brassica napus L. *Progress in Electromagnetics Research Symposium, 18-21 August, 2009, (Moscow, Russia)*.
 4. **S. Abdi**, G. Naderi, D. Dorrnian, M. Gorannevis, M. Boshtam, A. Emami Razavi. Changes in low density lipoprotein susceptibility to oxidation under the exposures of AC magnetic fields in vitro. *13th congress of Iranian Pharmaceutical Sciences, 2012, Isfahan, Iran*.
 5. Z. Varshosaz, **S. Abdi**, E. Moazen, A. Emami Razavi, Human serum lipoprotein zeta potential measurement by zeta sizer instrument, a method development. *13th congress of Iranian Pharmaceutical Sciences, 2012, Isfahan, Iran*.
 6. **S. Abdi**, D. Dorrnian, A. Emami Razavi, G. Naderi, M. Boshtam. Effect of DC magnetic fields on LDL oxidation. *World Congress of Cardiology, 18-21 April 2012, Dubai, United Arab Emirate*.
 7. D. Dorrnian, **S. Abdi**, G. Naderi, M. Boshtam, A. Emami Razavi. Effect of DC magnetic field on the susceptibility of LDL to oxidation. *12th Iranian Congress of Biochemistry and 4th Congress of Biochemistry and Molecular Biology, Mashhad, Iran, 6-9 September 2011*.
 8. A. Emami Razavi, **S. Abdi**, J. Varshosaz, E. Moazen, S. Emami Razavi, A. Abdi. A method development for serum lipoprotein zetapotential measurement by zetasizer instrument. *5th International and 10th National Congress on Quality Improvement in Clinical Laboratories, 23-26 April 2012, Tehran, Iran*.
 9. **S. Abdi**, D. Dorrnian, A. Emami Razavi, G. Naderi, M. Boshtam. Effects of megnetic fields on LDL oxidation. *12th Anniversary Congress of Iranian Medical Sciences Students, 1390*.
- Mahmood Bahar, Ahmad Majd, **Soheilla Abdi**. Effect of DC magnetic field on germination and primary growth of corn seed. *Second International Congress of Biological Sciences, 5-6 Feb. 2008, (Tehran, Iran)*.

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10. Bahar, Mahmood, Majd, Ahmad, **Abdi, Soheilla**. Study of the effects of AC and DC magnetic fields on primary growth of brassica napus and corn seedlings. *Iranian Physics Conference, 25-28 Aug, 2008. (Kashan, Iran)*.
11. **Soheilla Abdi**, Mahmood Bahar, Ahmad Majd. Effects of AC and DC magnetic fields on lentil germination and seedling growth. *National Physics Conference, 10 and 11 Desember, 2008. (Shahreza, Iran)*.
12. **S. Abdi**, A.N. Emami Razavi, A. Abdi. Electromagnetic fields and endocrine system. *The 2end Iranian Congress of Endocrinology & Metabolism Updates, 22-24 Apr 2009 (Esfahan, Iran)*.
13. **Abdi, Soheilla**; Bahar, Mahmood; Majd, Ahmad. Study of the effects of AC and DC magnetic fields and DC electric fields on primary growth of pinus seedlings. *Iranian Physics Conference, 25-28 Aug, 2009 (Esfahan, Iran)*.