

CURRICULUM VITAE

NAME: Ali Neshasteh_Riz , Ph.D

Scientific Position: Full Professor

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Personal Data Born January 1, 1958; Iranian, Married, 2 Children

Education

1979-1983 Faculty of Allied Health, Iran University of Medical Science of ,Iran
Faculty of Medicine, Tarbiat Moddares University, Iran
Department of Radiation Oncology, Faculty of Medicine,
University of Glasgow (UK).

Certification

1985 Bsc in Radiology Technology
1989 Msc in Radiology Technology
1997 Ph.D in Medical Physics (Radiobiology)

Positions

Internal Director, Shahid Rahnamon Hospital
Iran University of Medical Sciences.

1987-1990 Vice chancellor of Dean of Medical Faculty
Iran University of Medical Sciences, Tehran, Iran

1991-1994 General Director for Educational Affair, Iran University of
Medical Sciences, Tehran, Iran

1998-2007 Vice chancellor of Dean of Medical Faculty, Iran University of
Medical Sciences, Tehran, Iran

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| 2009-Present | Head of Department of Radiation Sciences, Faculty of para-Medicine, Iran University of Medical Sciences |
| 2012-Present | Deputy of Medical Faculty, Iran University of Medical Sciences |
| 2013-Preseant | General director of Health Physics Iran University of Medical Sciences, |
| 2016-Present | Director of Radiobiology Research Center, Iran University of Medical Sciences |

Memberships

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| 1999-Present | Member, Iranian Association of Medical Physics, Tehran, Iran |
| 1999-Present | Member, Research Theses and Consultation Center, Faculty of Medicine, Iran University of Medical Sciences, Tehran, Iran |
| 1999- Present | Member, Editorial Board, Medical Journal of Iran University of Medical Sciences |
| 2002- Present | Member, Editorial Board of Iranian Journal of Radiation Research. |
| 2001- Present | Member, Cellular and Biomolecular Research Center. |
| 2001- Present | Member, Editorial Board, Journal of Iranian Radiation Research |
| 2001- Present | Member, Editorial Board Journal of Oromieh University of Medical Sciences, Iran |
| 2000– Present | Member, Scientific Committee, Annual Iranian Congress of Medical Physics. |
| 2001- Present | Member, Editorial Board, Medical Journal of Iran University of Medical Sciences , Tehran, Iran. |
| 2002-Present | Member, Ophthalmology Research Center, of Iran University of Medical Sciences. |
| 2002-Present | Member, Post graduate committee, University of Rehabilitation and Health, Tehran, Iran. |
| 2011-Present | Member, Editorial Board Payavard Salamat, Journal of Tehran University of Medical Sciences. |
| 2015-Present | Member Editorial Board Journal of Experimental Biology and Medicine. |
| 2014-Present | Member Editorial Board Journal of Insights in Medical Physics. |

Publications

- 1-Neshasteh-Riz. A, Eyvazzadeh. N, Rostami. A, Azzizolahi. E. Cytogenetic damage from hyperthermia, 6MV X-ray, and topotecan in glioblastoma spheroids, simultaneously, and separately. Journal of Cancer Research and Therapeutics. September 2016, IP 194.225.187.120
- 2-Faghihi, F, Neshastehriz. A, Soleymanifard, SH, Shabani, R, Eyvazzadeh, N. Radiation-induced bystander effect in non-irradiated glioblastoma spheroid cells. Journal of Radiation Research, July 2015, 1-7
- 3-Eyvazzadeh, N, Neshasteh-Riz, A, Mahdavi, SR. DNA damage of glioblastoma multiform cells induced by beta radiation of iodine-131 in the presence or absence of topotecan: A picogreen and colonogenic assay".Cell Journal, In press.
- 4-Eyvazzadeh, N, Neshasteh-Riz, A, Mohseny far, A, Mahdavi, SR. Genotoxic Damage to Glioblastoma Cells Treated With 6MV X-Radiation in the Presence or Absence of Methoxy estradiol, IUdR or Topotecane. Cell Journal. In press.
- 5-Neshasteh-Riz, A, Rahdani, R, Mahdavi, SR, Evaluation of the combined effect of hyperthermia and cobalt-60 gamma rays with radiosensitizer IUdR on cultured Glioblastoma spheroid cells and dosimetry by TLD-100. Cell Journal, In press.
- 6-Neshasteh-Riz, A, Pashazadeh, A, Mahdavi, SR, Relative Biological Effectiveness (RBE) of ¹³¹I radiation relative to the ⁶⁰Co gamma rays. Cell Journal, 2013, In Press.
- 7-Neshasteh-Riz, A, Kosha, F, Mohsseni far, A, Mahdavi, SR, DNA damage induced in Glioblastoma cells by I-131: Experimental data and Monte Carlo Simulation. Cell Journal(Yakhteh), 2012, vol,14, No 1, Spring.
- 8-Khoei, S, Delfan, S, Neshasteh-Riz, A, Mahdavi, SR, Evaluation of the combined effect of 2ME2 and 60Co on the inducement of DNA damage by IUdR in a spheroid model of the U87MG glioblastoma cancer cell line using Alkaline Comet Assay. Cell Journal(Yakhteh), 2011, vol 13, No 2. 83-90.
- 9-Neshasteh-Riz, A, Babaloui, S, Khoei, S, Evaluation of combination effects of 2-methoxyestradiol and methoxyamine on IUdR-induced radiosensitization in glioma spheroids. Iran.J.Radiat. Res.2010,7(4): 211-216.
- 10-Khankeshizadeh H, Hashemi B, Neshastehriz A, Radiosensitizing effect of IudR combined with Co-60 Gamma radiation on malignant Glioma spheroids. IFMBE Proceeding, 2009, 288-291.

- 11-Neshasteh-Riz, A, Bishesari, N. Khoei, S. Evaluation of the extent of Cytogenetic damage induced by ionizing radiation at different intervals of cell incubation with IudR in spheroid model of Glioblastoma cell line using COMET assay. *Journal of Medical Sciences of Iran*. 2008,15,(58),187-197.
- 12.Neshasteh-Riz A, Saki M, Khoei S. Cytogenetic damages from Iododeoxyuridine induced radiosensitivity with and without Methoxyamine in human Glioblastoma spheroids. *Yakhteh*, 2008,10,1,(37),57-64.
- 13.Neshasteh-Riz A, Parach A.A, Khoei . S. Evaluation of IudR radiosensitization in multicellular Glioma spheroids by Comet assay. *Journal of Medical Sciences of Iran*. 2007, 14,56, 197-207.
- 14.Neshasteh-Riz, A. Shahidi, M. Sharafi, A. Experimental comparative in vitro study Targeted Radiotherapy using ^{125}I UdR and external beam radiation in treatment of Glioma,
Medical Journal of Iran University of Medical Sciences, 2003,33,159-165.
- 15.Neshasteh-Riz A, Shafae, H, Mozdarani, H. Comparison evaluation of cytogenetic aberration induced by Cobalt-60 in Glioma cells in the presence of IudR, *Iranian Journal of Medical Physics*, 2007, 3,12,73-84.
- 16-.Neshasteh-Riz, A. Reza, M.Comparison between intra cerebral bio distribution of ^{125}I UdR in a rat Glioma model and ^{125}I UdR uptake in a spheroid multicellular culture: effect of proliferative heterogeneity. *Yakhteh*, 2001,3,11,159-169.
- 17.Neshasteh-Riz et al.Comparison of different methods of intracerebral administration of radioiododeoxyuridine for glioma therapy using a rat model. *Br J Cancer*. 2000 Jan;82(1):74-80.
- 18.Griffin CS, Neshasteh-Riz A.Absence of delayed chromosomal instability in a normal human fibroblast cell line after ^{125}I iododeoxyuridine. *Int J Radiat Biol*. 2000 Jul;76(7):963-9.
- 19.Neshasteh-Riz, A.The effect of proliferation heterogeneity on Iododeoxyuridine uptake by Glioma cells cultured as monolayer and spheroids measured by flow cytometry. *Yakhteh*, 2000,vol 2,135-140
- 20.Neshasteh-Riz et al. Differential cytotoxicity of [^{123}I]UdR, [^{125}I]UdR and [^{131}I]UdR to human Glioma cells in monolayer or spheroid culture: effect of proliferative heterogeneity and radiation cross-fire. *Br J Cancer*. 1998;77(3):385-90.
21. Neshasteh-Riz et al.Incorporation of iododeoxyuridine in multicellular Glioma spheroids: implications for DNA-targeted radiotherapy using Auger electron emitters. *Br J Cancer*. 1997;75(4):493-9.
- 22.Neshasteh-Riz A, Saremi A. Accuracy and efficiency of radiography and sonography in the diagnosis of the gall bladder and bile ducts disorders. *Journal of medical council of Islamic Republic of Iran*, 1992,11, 4, 211-219.

Books:

1-Radiobiology and protection (compilation); 2014

2-Cell Biology (compilation), 2014

3-Principle and Techniques of Scientific paper Writing, 2013