

# CURRICULUM VITAE

**NAME: Ali Neshasteh\_Riz , Ph.D**

**Scientific Position: Full Professor**

## ADDRESS

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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

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**

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 <sup>131</sup>I radiation relative to the <sup>60</sup>Co 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  $^{125}\text{I}$ 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  $^{125}\text{I}$ UdR in a rat Glioma model and  $^{125}\text{I}$ 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  $^{125}\text{I}$  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 [ $^{123}\text{I}$ ]UdR, [ $^{125}\text{I}$ ]UdR and [ $^{131}\text{I}$ ]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