Posters

The Poster size is 90 cm x 130 cm

All posters are displayed through August 26, Thursday and 27, Friday. Posters should be mounted on August 26, before 9.00 AM and removed on August 27 after 18.00. The organizers are not responsible for loss of posters.

Radiation protection, radiation effects on human and non-human biota

1. R. Sisodia, R.K. Verma and A.L. Bhatia: Effect of spinacia oleracea on radiation induced biochemical changes and learning ability in brain of Swiss albino mice

2. Bazyka D., Bebeshko V., Lyashenko L., Byelaeva N., Loganovsky K., Gayevaya L.: Health effects in nuclear industry workers of Ukraine: problems and perspectives

3. Dublineau I., Grison S., Baudelin C., Dudoignon N., Marquette C., Souidi M., Voisin P. and Aigueperse J.: Transfer of uranium throughout the entire gastrointestinal tract in rat

4. V. Arakelyan, K. Pyuskyulyan, T. Avakyan, A. Atoyan, R. Vardanyan, N. Simonyan, G. Chachatryan, N. Mkrtchyan, T. Hambardzumyan: Radiation influence of the NPP on environment

5. S. Török, J. Osán, B. Alföldy: Actinide analysis in environmental hot particles by synchrotron radiation

6. K. Kawai, K. Fujikawa, H. Furukawa, H. Kasai: Radioprotective effect of green tea polyphenol in mice

7. J. Kóbor: Residual radiation: special radiation protection aspect on medical linear accelerators

8. M.S. Kundt: Uranium and development: effects on preimplanted embryos: delay, dysmorphism and apoptosis

9. M.S. Kundt: Uranium and fertility: oocyte dysmorphy and apoptosis in cumulus cells

10. M. Monleau, E. Blanchardon, V. Chazel, M. Claraz, G. Duménil, F. Paquet: Biokinetics of uranium in rats contaminated by repeated inhalations: implications for the monitoring of nuclear workers

11. J. Jaźwiński, M. Murawska, R. Różycki, E.M. Nowosielska, M.K. Janiak: Radiation exposure of patients and ophthalmologists during a dacryoscyntygraphy and a dacryocystography

12. J. Jaźwiński, M. Murawska, E.M. Nowosielska, M.K. Janiak: Estimation of doses of ionising radiation received by the medical staff and patients during vascular procedures

13. J. Jaźwiński, M. Murawska, R. Różycki, E.M. Nowosielska, M.K. Janiak: Radiation exposure of the patients eyes during X-ray examinations

14. R. Sisodia, S. Kumari and A.L. Bhatia: Modulation of radiation induced stress in mice cerebellum by melatonin

15. A. Kerekes, S. Szakács, T. Séra, I. Sinkovics, S. Pellet, L. Pávics: Radiation exposure of medical staff due to ^{131}I therapy for hyperthyroidism and thyroid cancer

16. S. Pellet, F. Giczi, A. Temesi, L. Ballay, T. Porubszky, S. Szakács: A comparative analysis of patient doses of the most common diagnostic X-ray projections based on the surveys performed in 1993 and 2003

17. Durakovic, A. Gerdes and I. Zimmerman: Quantitative analysis of concentration and ratios of uranium isotopes in the US military personnel at Samawah, Iraq during operation enduring freedom

18. J. Legoza, Gy. Csepura, L. Trón: PET from the aspect of radiation protection

19. Minasbekyan L.A., Darbinyan M.R., Vardevanyan P.O.: Functional Role of the Changes in the Nucleic Component Compositions During Seeds Germination

20. Moskalev A.: Lifespan of Drosophila Melanogaster Mutants after Gamma-Irradiation

21. Korogodina V.L., Florko B.V.: Correlated and independent chromosomal abnormalities in root meristem cells of plant seeds in the lab and in nature

22. V. Jobbágy, J. Somlai, T. Kovács, G. Szeiler: Applicability of industrial by-products in building industry and their radiologically qualification

23. A. S. Riazhska, V. A. Sushko, L.I. Shvayko, E.N. Stadniychuk, and T.A. Pavlenko: Bronchopulmonary system of the COPD patients living under the influence of indoor radon-222

24. Z. Gorjánácz, A. Várhegyi, J. Somlai, G. Nagy: Realistic approximation of Kővágószőlős radon problem

25. Dombóvári P., Kovács T., Somlai J., Szeiler G.: Simple methods for the measurement of uranium in environmental samples

26. Bodrogi E., Kovács T., Somlai J., Szeiler G.: Sample preparation methods for the measurement of radium via alphaspectrometry

27. Sun G.M., Jung J.W., Song K.B., Kim E.H. and Choi H.D.: Secondary Electron Emission Yield of the Mylar Material for Being Utilized in Real-Time Monitoring of Electron Beam

28. O.P. Thomas, A. Coirier, J.C. Cintrat, B. Rousseau: Protein surface mapping by hydroxyl radical induced $^{1}H/^{3}H$ exchange

29. Gy. Farkas, L.G. Gazsó, G. Diósi: Microbial processes in radioactive waste repository

30. J. Kónyi, L.G. Gazsó, V. Rybalka, E. Bokori: The role of microorganisms in the mobility of radionuclides in Chernobyl soil

31. Hyung-Chahn Lee, In-Chul Park, Sungkwan An, Myung-Jin Park, Sang-Hyeok Woo, Hyeon-Ok Jin, Chun Ho Kim, Ho-Shin Gwak, Young-Jun Hong, Chang-Hun Rhee and Seok-Il Hong: Nitric oxide generated by ionizing radiation and EGF is implicated in EGF receptor phosphorylation in A549 lung carcinoma cells

32. Kim Eun-Hee: A New Monte Carlo Code ETMICRO for Tracing Electrons in Liquid Water Medium

Radiobiology for ion beam radiotherapy

33. Burns F.J., Wu F., Uddin a.N. and Zhang R.H.: Gene expression changes in rat skin at cancer inhibiting levels of dietary retinyl acetate after exposure to a 56Fe ion beam

34. P. Kundrat, H. Hromacekov, M. Lokajcek: Probabilistic two-stage model of cell inactivation by light ions

35. C.E. Hellweg, A. Arenz, M.M. Meier, C. Baumstark-Khan: Recombinant human embryonic kidney cells as sensors for activation of the nuclear factor kB pathway by heavy ion exposure

36. P. Peschke, C.P. Karger, M. Scholz, R. Sanchez-Brandelik, J. Debus: Radiation induced myelitis in the rat spinal cord after single and split doses of photons and carbon ions

37. J.P. Slabbert, T.T. Sebeela, S. Bakhane, S. Maage: Radiotoxicity along the Bragg curve for a 200 MeV clinical proton beam

Cell cycle control and apoptosis

38. H. Eichholtz, D. Sagan, E. Fritz, F. Eckardt-Schupp: NBS1 protein as regulator of apoptosis

39. Baatout S., Micuda S., Derradji H., Benotmane R., Jacquet P., Martinkova J., Mergeay M: Epigallocatechin gallate affects the X-ray induced apoptosis in human IM-9 cells

40. Baatout S., Buset J., Neefs M., Michaux A., Derradji H., Mergeay M., Jacquet P.: A comparison of the radiation sensitivities of embryos at the gastrula stage in two mouse strains

41. G. Vares, K. Ory, B. Lectard, C. Levalois, S. Altmeyer-Morel, S. Chevillard and J. Lebeau: Progesterone prevents radiation-induced apoptosis in breast cancer cells

42. Min-Jeong Kim, Soon-Young Choi, Jae-Hoon Lee, Chang-Mo Kang, Chul-Koo Cho, Sangwoo Bae, Hee Yong Chung, Yun-Sil Lee, and Su-Jae Lee: Down-regulation of ERK pathway is required for caspase-8 dependent mitochondrial activation-mediated cell death by radiation in human cervical cancer cell

43. Soon-Young Choi, Min-Jeong Kim, Chang-Mo Kang, Chun-Ho Kim, Chul-Koo Cho, Sangwoo Bae, Hee Young Chung, Yun-Sil Lee, and Su-Jae Lee: Ionizing radiation can utilize a positive feedback regulation of PKCδ for amplifying the mitochondrial activation-mediated apoptosis machinery in non-small cell lung cancer cells

44. T. Nakajima, O. Yukawa, H. Tsuji, H. Ohyama, Wang Bing: Radiation-induced activation of protein kinase C δ in radiosensitive and radioresistant mouse thymic lymphoma cell lines

45. G.I. Terzoudi, K.N. Manola, G.E. Pantelias, G. Iliakis: G_2-check point abrogation as a candidate mechanism for the enhanced G_2 chromosomal radiosensitivity in AT cells

Radiation and cancer: epidemiology, molecular carcinogenesis

46. M.T. Mancuso, S. Pazzaglia, M. Tanori, S. Leonardi, S. Rebessi, V. Di Majo, V. Covelli, A. Saran: Hair-cycle-dependent susceptibility to ionising radiation induced basal cell carcinoma in patched heterozygous knock-out mice

47. D.M. Spitkovsky, N.V. Adnoral, N.N. Veiko, A.S. Makarenkov, S.M. Terekhov: In cells of the persons with hereditary mutation in BRCA1 and BRCA2 genes centromeric loci of chromosome unlike normal not capable to displacement in space of cells nucleus under adapting dose of X-ray

48. I. Szőke, I. Balásházy and Á. Farkas: Alpha-hitprobability distributions of deposited radon progenies in cell nuclei, cells and cell surroundings of the central airway epithelium

49. I. Petcu, D. Savu, A. Vral, H. Thierens, L. De Ridder: Chromosomal radiosensitivity in secondary-progressive multiple sclerosis patients

50. S.A. Igumnov, V.V. Drozdovitch: Intellectual development of the persons exposed in utero: 10-years follow-up investigation

51. H. Kasai, K. Kawai, S. Yamazaki, K. Takahashi, M. Ikeda, K. Kawanami, T. Miyamoto, N. Kato: Automatic analysis of urinary 8-hydroxydeoxy-guanosine by HPLC-ECD

52. G. Mészáros, G. Bognár, G.J. Köteles: Retrospective cytogenetic analysis of uranium miners

53. Panteleeva, W. Enghardt, E. Lessmann, J. Pawelke, W. Wagner, W. Dörr: Determination of RBE of 10 kV and 25 kV X-rays

Radiation emergency medical preparedness and response

54. F. Klimaschewski: Radiological emergency preparedness development for hospitals based on the balanced scorecard approach

55. J.M. Bertho, M. Prat, J. Frick, J.P. Laporte, N.C. Gorin, D. Thierry: Follow-up of plasma FLT3 ligand concentration in hematopoietic stem cell transplanted patients.

56. A.V. Kolganov, S.V. Filin, A.E. Baranov: Three cases of acute radiation damage of humans from gamma source (iridium-192): dose reconstruction and clinical picture

57. Kolganov, A. Baranov: The use of the total gamma-therapeutic radiation as a model of the acute radiation disease

58. Kolganov, M. Konchalovski. A. Baranov: Structure of the patients with acute radiation disease treated in the department of acute radiation pathology in the period of 1996-2002

59. V.I. Krasniouk: Clinical and hygienic conception of prophylactic treatment for accidental radionuclide incorporation

60. N.A. Metlyaeva: Change of cardiovascular status of patients with acute radiation disease and Chernobyl liquidators

61. S.M. Miller, C.L. Ferrarotto, D. Wilkinson, D.P. Morrison, D.R. Boreham, J.A. Dolling: Canadian cytogenetic emergency network (CEN) for biological dosimetry following radiological/nuclear accidents

Genomic instability, bystander effects and adaptive response-mechanisms

62. Klementis, K. Lumniczky, G. Sáfrány: Transgenerational effect of ionising radiation in mice

63. M.R. Blake-James, A.J. Mill, M. Hill: Bystander effects in a HeLa x fibroblast cell line for neoplastic transformation and cell killing

64. Fiedler, T. Reinert, J. Tanner, T. Butz: Irradiation of living cells with high energetic protons

65. K. Stoklosa, A. Bkhiyan, W.M. Przybyszewski, M. Widel: Biochemical and morphological effects of radiation traversed human melanoma cells on nontraversed neighbours

66. Natarajan M., Mohan S., Pandeswara S.L., Gibbons C.F., Moore S.R., and Kadhim M.A.: Oxidative stress signaling is responsible for TNF-alpha induced genetic damage in primary human aortic endothelial cells

67. Zaichkina S.I., Rozanova O.M., Akhmadieva A.Kh., Aptikaeva G.F., Klokov D. Yu., Smirnova E.N., and Balakin V.I.: The effect of superoxide dismutase on the adaptive response induced by ionizing radiation in mouse bone marrow cells in vivo

Biological dosimetry

68. M. Prat, C. Demarquay, J. Frick, D. Thierry, N.C. Gorin, and J.M. Bertho: Sequential implication of lymphoid and stromal cells in FL variations after irradiation in mice

69. M. Prat, C. Demarquay, J. Frick, D. Thierry, N.C. Gorin, and J.M. Bertho: Plasma FL concentration variation after heterogeneous irradiation in mice

70. Roy L., Gregoire E., Giraudet A.L., Voisin Pa., Buard V., Delbos, M., Voisin Ph., Bourhis J.: Heterogeneous cytogenetic dose assessment of patients treated by radiotherapy

71. Shaposhnikov M., Belogolov I., Zainullin V., Omelyanchuk L.: Biological detection of ionizing radiation using induction of reporter genes in Drosophila melanogaster

72. P.G.S. Prasanna, K.L. Duffy, U. Subramanian, M.S., K. Salomon, B.S., and W.F. Blakely: Cytogenetic laboratory automation and high-throughput analysis for radiation dose assessment

73. S. Vershenya, R. Lorenz, J. Biko, Chr. Reiners, K. Hempel: Dose response for T-cell receptor (TCR) mutants in patients repeatedly treated with I-131 for thyroid cancer

74. Andreev S.G., Eidelman Yu.A., Talyzina T.A.: 4D nuclear organisation and radiation induced chromosome aberrations: quantitative relationships

75. C.S. Wilding, R.E. Tarone, C.L. Relton, G.S. Rees, C.A. Whitehouse, E.J. Tawn: In vivo chromosome aberrations in retired radiation workers: no evidence for interaction of DNA repair gene polymorphisms with response to radiation

76. R.D. Esposito, M. Santoro, M. Durante, G. Grossi, M. Pugliese, P. Scampoli, L. Manti and G. Gialanella: Toward an automatic system for the analysis of cytogenetic abnormalities using fluorescence in situ hybridization technique

77. Tae-Hwan Kim, Hyun-Jin Park, Mi-Young Park, Soo-Jae Lee, Yun-Sil Lee, Young-Hoon Ji, Soo-yong Choi, ChulKoo Cho, and Chang-Mo Kang: Comparison of differences in the effectiveness between conventional dicentric assay and translocation analysis for biodosimetry in cultured peripheral blood lymphocytes of Korean individuals

78. E. Markova, I. Belyaev: Residual 53BP1, γ-H2AX foci assay for biological dosimetry

79. C.A. Whitehouse, E.J. Tawn and R.E. Tarone: Dose response relationship for translocations in retired radiation workers

80. S.L. Elyash, N.I. Kalinovskaya, S.I. Zaichkina: Comparison between high dose rate X-ray radiation and static gamma irradiation effects on human lymphocytes in vitro (basing on micronuclei test results)

81. Bilban-Jakopin C., Bilban M.: Genotoxic effects in peripheral lymphocytes of patients treated with antineoplastic drugs

Signalling and DSB repair

82. Gradzka, I. Buraczewska, T. Iwaneako, B. Sochanowicz, I. Szumiel: Post-irradiation recovery in human glioma M059K cell line and its DNA-PK_{cs} deficient counterpart MO59J: effect of signalling pathways inhibitors

83. Skardová I., Skarda J., Ojeda F., Lovásová, E.: Postradiation damage in chickens - apoptosis

84. Belyaev I., E. Markova, N. Schultz: Dynamic clustering and co-localization of 53BP1/γ-H2AX foci

85. M.A. Huels, B. Boudaiffa, P. Cloutier, D. Hounting and L. Sanche: Single, double, and multiple double strand breaks induced in DNA by 3-100 eV electrons

86. Olsson Gunilla, S. Czene, D. Jenssen, M. Harms-Ringdahl: Repair mechanisms involved in processing of complex DNA damage

87. McKeown S.R., B.A. Doherty, D.J. McKenna, G. McKerr, V.J. MecKelvey-Martin: Use of the comet-FISH assay to measure radiation-induced DNA damage and repair in specific gene regions of cells deficient in transcription coupled repair.

DNA double strand break repair: new aspects

88. Lankoff, W.W. Carmichael, D. Dziga, A. Banasik, H. Lisowska, T. Kuszewski, J. Biaczyk, I. Piorun, A. Wojcik: Gamma-irradiation-induced DNA damage and repair in human peripheral blood lymphocytes treated with microcystin-LR

89. Pieck S., Geis R-B., Dörr W.: Altered gene expression after irradiation with 25 kV vs. 200 kV X-rays: in vitro studies

90. M. Wojewdzka, I. Buraczewska, B. Sochanowicz, I. Szumiel: The role of poly(ADP-ribosylation) in double strand break fixation in L5178Y and CHO cells

91. S. Gurská, T. Farkašová, A. Gábelová: Genetic polymorphisms of DNA repair genes and radiosensitivity of cervival cancer cell lines

92. N. Kagawa, M. Shimura, Y. Noda, K. Tatsumi, T. Norimura, K. Fujikawa: High susceptibility of ATM-null mice to spontaneous and X-ray induced micronucleus formation in erythroblasts

93. F. Darroudi, M. Meijers, J. Fornine, V. Bezrookove, M. Hill, A.T. Natarajan, J.R.K. Savage and D. Harder: Mechanisms of chromosomal aberration formation with low and high LET radiation: state of art

Pharmacological modulation of radiation damage to mammalian organism

94. Bajinyan S.A., Kvesitadze G.I., Malakyan M.H., Poghosyan A.S., Dallakyan A.M., Mchedlishvili N.I., Omiadze N.T., Gulua L.K.: Radiomodifying and cytogenetic activity of green tea extract

95. Bajinyan S.A., Poghosyan A.S., Malakyan M.H., Hakobyan N.Z., Hamazaspyan G.S., Aghababyan A.G., Gevorgyan G.A.: Radioprotective, antioxidant and cytogenetic activity of compound # 3998

96. Malakyan M., Poghosyan A., Bajinyan S., Abrahamyan A., Petrosyan Zh., Harutyunyan N., Grigoryan D., Yeghiazaryan D., Dallakyan A., Ghazaryan S., Pf ller U.: Transition metals complexes of N-substituted amino acid schiff bases: antioxidant, cytogenetic and radioprotective activity

Low dose effects - protracted dose effects

97. E.M. Nowosielska, A. Cheda, J. Wrembel-Wargocka, M. Marciniak, and M.K. Janiak: Stimulatory effect of single exposures to low-level X-ray irradiations on antitumour functions of murine peritoneal macrophages

98. L.A. Klimkina: A fluorescence spectroscopy study of membrane structural alterations in blood lymphocytes of rats exposed to low dose rate γ-radiation

99. N.E. Bogdándi, A.M. Dám, I. Polonyi, M. Sárdy, E. Tátrai, T. Kerényi, J. Szabó, I. Fehér: Combined effects of radon, asbestos, mineral dusts and heavy metals at cellular level

100. Á. Farkas, I. Balásházy and I. Szőke: CFD simulation of activity distributions of deposited radon progenies in central human airways

101. T. Kanao, T. Okamoto, Y. Miyachi: Maternal exposure to low-dose X-rays induces activity of autophagic cell death in unexposed offsprings, which can be modulated by transplantation of mitochondria DNA

102. Kravets A.P., Slinyavchuk G.D.: Different aspects low dose problem: dose rate and irradiation continuance

103. M. Sárdy, Á. Drahos, A.M. Dám, E. Tátrai, N.E. Bogdándi, I. Polony: Activity of cellular antioxidant enzymes after low dose ionizing radiation and other environmental toxic agents

104. Shoutko A., Karamullin M., Sosyukin A., Ekimova L., Shoumski I., Uyrkova L., Bochkareva T., Nedoborski K.: Age related features of lymphopoiesis and morbidity for Chernobyl clean up workers

105. I.B. Korzeneva, T.V. Malinina, S.I. Zaichkina, Y.E. Dubrova, B.A. Kalabushkin, E.N. Kalacheva, V.F. Samsonova: Integral genotype structure, individual radiosensitivity and health status of the personnel, chronically exposed to gamma- and neutron irradiation

Electromagnetic radiations

106. S. Ivancsits, E. Diem, O. Jahn, H.W. Rudiger: In vitro genotoxic effects of radiofrequency electromagnetic fields

107. Bajinyan S., Grigoryan D., Malakyan M., Yeghiazaryan D., Badiryan V.: The effect of MM-range electromagnetic waves of low intensity on structure - functional properties of red blood cells membranes

108. B. F. Molnár, G.Kubinyi , E. Rahne, J. Bakos, G.Thuróczy, Exposure System, RF dosimetry and thermal imaging for human studies on potential hearing effects of cellular phone within the GUARD EU-Fp5 Project;

New radiotherapeutic approaches

109. I.C. Dormehl, W.K.A. Louw, R.J. Milner, E. Kilian, F.H.C. Schneeweiss: The importance of molecular size and charge in designing polymeric radiopharmaceuticals to target neoplastic disease in therapy

110. D.S. Gridley, T.M. Timiryasova, B. Chen, M.L. Andres, R. Dutta-Roy, G. Miller, E.J.M. Bayeta, and I. Fodor: Combination with p53 gene therapy enhances the antitumor effect of radiation in a glioma model

111. J. Lovey, J. Timar, D. Nie: Inhibition of 12-LOX and in vitro radiosensitivity of human prostate cancer cell lines

112. T. Szatmári, K. Lumniczky, G. Sáfrány: The combined therapeutic effect of local tumor irradiation and IFN-γ vaccination on murine brain tumors

113. K.S. Voskanyan, G.V. Mytsin, V.N. Gaevskiy: Biological effectiveness of the 150 MeV proton medical beam

Biological effect of environmental and extraterrestrial UV radiation

114. Gy. Paragh, A. Kiss, K. Tory, P. Literati, N. Wikonk: UVA radiation does not induce p53 clone formation in mouse model

115. Z. Novák, A. Bérces, Gy. Rontó, A. Dobozy, L. Kemény: Efficacy of different UV emitting sources in the induction of T cell apoptosis

116. Ayvazian N.M., Zakaryan A.E.: The nature of UV-radiation interaction with membranes of different tissues of vertebrates

117. J. Bakos, J. Szabó, Gy. Thúróczy: Sunbed user's motivations, knowledge and habits in Budapest, Hungary

118. Leena Latonen, Päivi Järvinen, Massimiliano Gentile, and Marikki Laiho: Characterization of novel transcriptional targets in the UV response

Stem cells and radiation

119. Byelaeva N., Bazyka D.: Peripheral blood $CD34^+$ cells at the stage of late radiation effects development

120. C. Cole and M. Plumb: Bone marrow cell death and recovery following exposure to an acute leukaemogenic dose of X-rays

121. M. Jawad, C. Cole and M. Plumb: Haemopoietic stem cells and radiation-induced AML - a genetic approach in the mouse

122. Zs. Horváth, Pállinger, Gy. Horváth, A. Falus: Effect of ^{60}Co-irradiation on IL-3 receptor expression and bone marrow repopulating ability of histidine decarboxylase knock out (HDC-KO) and wild type mice

123. Karamullin M., Shoutko A., Ekimova L., Shoumski I., Phyedorov V., Sosyukin A.: Modulation of circulating $CD34^+$ and TdT^+ cell numbers by

means skin-contact microvibrations on bone marrow with Chernobyl's clean up workers

Radiation therapy: therapeutic effect and normal tissue injury

124. P. Jacquet, I. Adriaens, J. Buset, M. Neefs and M. Mergeay: Studies on the radiosensitivity of the mouse oocyte using an early preantral follicle culture system

125. B. Lubeczka, Z. Kolosza, M. Widel, S. Jedrus, E. Wojciechowska, A. Czuba, J. Rzeszowska-Wolny: Prognostic value of lymphocytes in cervical carcinoma

126. Abramenko I.V., Chumak A.A., Kovalenko A.N., Boychenko P.K., Pleskach O.Y.: Factors influencing on clinical manifestation of HCV in group of clean-up workers of Chornobyl NPP accident

127. E.D. Borisova: The nature of phychohysiological diosorders amonge Chernobyl nuclear station accident recovery workers

128. Chumak A.A., Abramenko I.V., Boychenko P.K.: About possible direct influence of ionizing irradiation on cytomegalovirus infection reactivation in the victims of Chernobyl NPP accident

129. V.G. Bebeshko, I.S. Dyagil, A.N. Kovalenko: Oncohematological effects in acute radiation sickness survivors

130. Lisowska H., Lankoff A., Banasik A., Padjas A., Wieczorek A., Kuszewski T., Gozdz S., Wojcik A.: Increased frequency of radiation-induced chromosome aberrations in peripheral blood lymphocytes of patients with larynx cancer

131. Padjas, A. Lankoff, A. Banasik, H. Lisowska, A. Wieczorek, T. Kuszewski, S. Gozdz, A. Wojcik: Individual radiosensitivity of patients with lung cancer and healthy donors: analysis of DNA damage and repair in peripheral blood lymphocytes

132. Á. Kovács, G. Horváth, J. Szávai, Gy. Tizedes, E. Kálmán, G. Szalai, F. Lakosi, Cs. Nemeskéri, Zs. Póti, O. Ésik: Low fraction-size (3 Gy) HDR afterloading breast boost irradiation results in an increased rate of grade $\geq$2 toxicity. Evidence based on a 3-year follow-up of 93 patients

133. S.A. Rahimi: Study on the rate of recommended standards at the diagnostic radiology units of the hospitals affricated to the Mazandaran University of medical sciences

134. Nongnit Laytragoon-Lewin, J. Castro, B. Nordlander, J. Lundgren and F. Lewin: Molecular detection of field cancerization in head and neck cancer patients