Poster sessions

Mounting posters: (Room J-K)	July 13, 9:00-13:00
Oral presentation: (Room D)	July 14, 11:45-13:45 for Poster Nos. P1-P35 July 15, 12:15-14:00 for Poster Nos. P36-P67 Poster presenters will make 3-minute oral presentation for explaining their posters. An overhead projector will be available. Lunch box will be served for all participants
Q and A hour: (Room J-K)	July 15, 17:50-18:30 Poster presenters are requested to stand in front of their posters for answering the questions from participants.
Poster removal:	July 15, 18:30-18:50

<Posters>

P-1 Do the Findings on the Health Effects of Prolonged Exposure to Very High Levels of Natural Radiation Contradict Current Ultra-conservative Radiation Protection Regulations?
Mortazavi SMJ, Ghiassi Nejad M, Ikushima T (Iran)

P-2 Where are the Radon Induced Lung Cancer Cases?
Enflo A (Sweden)

P-3 Cancer Mortality Investigation in The Gastein Valley, An Area of High Levels of Natural Radiation
Pohl-Rueling J, Hofmann W (Austria)

P-4 Lung Cancer Prevalence and Indoor Radon in Thailand
Bovornkitti S, Wiwatanadate P, Itthipoonthanakorn (Thailand)

P-5 ICRP Evolutionary Recommendations and the Reluctance of the Members of the Public to Carry out Remedial Work against Radon in Some High Level Natural Radiation Areas (HLNRAs)
Karam PA, Niroomand-rad A, Mortazavi SMJ, Ghiassi-nejad M, Ikushima T, Cameron JR (USA)

P-6 Some Correlation Aspects of Thyroid Gland Cancer Epidemiology in Ukraine after Incident at Chernobyl Nuclear Power Plant
Onishchenko NI, Dikiy NP, Medvedeva EP, Zabolotny VD (Ukraine)

P-7 Cancer Risk among Workers at the Russian Nuclear Complex Mayak
Shilnikova NS, Preston DL, Ron E, Gilbert ES, Vassilenko EK, Romanov SA, Kuznetsova IS, Sokolnikov ME, Koshurnikova NA (Russia)

P-8 Radiation Risks of Leukemia among Russian Emergency Workers, 1986-1997
Ivanov V, Gorski A, Tsyb A, Khait S (Russia)

P-9 Antioxidants as Radioprotecting Agents for Low-level Irradiation
Burlakova EB, Goloshchapov AN, Molochkina EM, Treshchenkova YA, Shishkina LN (Russia)

P-10 Fallout Exposure in the Semipalatinsk Nuclear Test Site Area and the Induction of Thyroid Nodules Diseases
Zhumadilov Zh, Land C, Hoshi M, Kimura A, Takeichi N, Zhigitaev T, Abisheva G, Kamiya K (Japan)

P-11 The Mortality and Cancer Morbidity Experience of Workers at British Nuclear Fuels Plc, 1945-1997
Mc Geoghegan D, Binks K (UK)

P-12 Hereditary Minisatellite Mutation Frequencies among Pre- and Post- Chernobyl Children of Estonian Cleanup Workers
Kiuru A, Auvinen A, Luokkamaki M, Veidebaum T, Tekkel M, Rahu M, Hakulinen T, Servomaa K, Rytomaa T, Mustonen R (Finland)

P-13 Activities of The European Commission's Research Programme Related to the Understanding of the Health Effects of Ionizing Radiation, in Particular the Mechanisms of Radiation Carcinogenesis
Desaintes C, Teunen D (Belgium)

P-14 Does Radiation Cause Liver Cancer? Comparison of Radiation Effects in Atomic-Bomb Survivors and other Populations
Sharp GB, Cologne JB, Shimizu Y, Mabuchi K (Japan)

P-15 Radiosensitivity and Expression of Nucleotide Excision Repair Genes in Peripheral Blood Mononuclear Cells of Myelodysplastic Syndrome Patients
Ban S, Kuramoto K, Oda K, Tanaka H, Kimura A, Suzuki G (Japan)

P-16 An Analysis of Persistent Inflammation among Atomic Bomb Survivors with Respect to Sex and Age at the Time of Bombings
Neriishi K, Nakashima E (Japan)

P-17 Susceptibility of Calcium-deficient Hydroxyapatite-collagen Composite to Irradiation
Ohta M, Yasuda M, Okamura H (Japan)

P-18 Does Radiation Enhance Promotion of Already-initiated Cells in Protracted High-LET Carcinogenesis via a Bystander Effect?
Curtis SB, Luebeck EG, Hazelton WD, Moolgavkar SH (USA)

P-19 A Pulsed Laser Generated Soft X-ray Source for the Study of Gap Junction Communication and 'Bystander' Effects in Irradiated Cells
Meldrum RA, Edwards GO, Wharton CW, Chipman JK, Botchway SW, Hirst GJ (UK)

P-20 Induction of Radioresistance by a Nitric Oxide-Mediated Bystander Effect
Matsumoto H, Hayashi S, Jin ZH, Hatashita M, Shioura H, Ohtsubo T, Kitai R, Furusawa Y, Yukawa O, Kano E (Japan)

P-21 Roles of Protein Kinase C in Radiation-induced Apoptosis Signaling Pathways in Murine Thymic Lymphoma Cells (3SB Cells)
Nakajima T, Yukawa O, Ohyama H, Wang B, Hayata I, Hama-Inaba H (Japan)

P-22 Cellular Mechanisms of Radiation Adaptive Response in Cultured Glial Cells
Miura Y, Abe K, Suzuki S (Japan)

P-23 Radiation-induced Genomic Instability and Delayed Activation of p53
Suzuki K, Kodama S, Watanabe M (Japan)

P-24 Unstable Nature of X-irradiated Human Chromosomes in Unirradiated Mouse m5S Cells
Kodama S, Yamauchi K, Urushibara A, Nakatomi S, Suzuki K, Oshimura M, Watanabe M (Japan)

P-25 Delayed Cell-cycle Arrest Following Heavy-ion Exposure
Goto S, Morimoto S, Kurobe T, Izumi M, Fukunishi N, Watanabe M, Yatagai F (Japan)

P-26 cDNA Macro-Array Analysis of Murine Tissue-specific Responses to Ionising Radiation
Rigat BA, Lorimore SA, Plumb MA, Wright EG (UK)

P-27 Analysis of Radiation-inducible Gene in Human Thyroid Cells
Shimizu-Yoshida Y, Sugiyama K, Rogounovitvh T, Namba H, Yamashita S (Japan)

P-28 Cellular Response In Normal Human Cells Exposed to Chronically Low-dose Radiation in Heavy-ion Radiation Field
Suzuki M, Yasuda H, Lee R, Ohira C, Majima H, Yamaguchi Y, Yamaguchi C, Fujitaka K (Japan)

P-29 Inhibition of Radiation Induced DNA-double Strand Break Repair by Various Metal Compounds
Takahashi S, Okayasu R, Sato H, Kubota Y, Bedford JS (Japan)

P-30 Induction of a Large Deletion of Mitochondrial Genome in Mouse Cells by X-ray Irradiation
Ikushima T, Andoh T, Kaikawa T, Hashiguchi K (Japan)

P-31 Effects of Increased Telomerase Activity Levels on Hypersensitivity to Ionizing Radiation in Human SCID Cells
Arase Y, Sugita K, Hiwasa T, Shirasawa H, Agematsu K, Ito H, Suzuki N (Japan)

P-32 Protein Synthesis, Cellular Defence and HPRT-mutations Induced by Low Dose Neutron Irradiation
Dam AM, Bogdándi EN, Polonyi I, Sárdy M, Pálfalvy J, Balásházy I (Hungary)

P-33 X-ray-induced Mutation at *HPRT* Locus in Werner Syndrome Cells
Kashino G, Kodama S, Suzuki K, Oshimura M, Watanabe M (Japan)

P-34 An ESR and ESEEM Study of Long-lived Radicals which Cause Mutation in Irradiated Mammalian Cells
Kumagai J, Miyazaki T, Kumada T, Kodama S, Watanabe M (Japan)

P-35 A Role of Long-lived Radicals in Radiation Mutagenesis and Its Suppression by Epigallocatechin Gallate
Ise T, Kodama S , Suzuki K, Tanaka T, Miyazaki T, Watanabe M (Japan)

P-36 Low Dose of Wortmannin Reduces Radio-sensitivity of Cells
Okaichi K, Suzuki K, Morita N, Ikeda M, Matsuda N, Takahashi H, Watanabe M, Okumura Y (Japan)

P-37 Defective Accumulation of p53 In X-irradiated Human Tumor Cells with Low Proteasome Activity
Yamauchi M, Suzuki K, Kodama S, Watanabe M (Japan)

P-38 High Susceptibility and Possible Involvement of Telonomic Instability in the Induction of Delayed Chromosome Aberrations by X-irradiation in *Scid* Mouse Cells
Urushibara A, Kodama S, Suzuki K, Suzuki F, Watanabe M (Japan)

P-39 Possible Role of ATM-dependent Pathway in Phosphorylation of p53 in Senescent Normal Human Diploid Cells
Suzuki M, Suzuki K,, Kodama S, Watanabe M (Japan)

P-40 Suppressive Effects of p53 Protein on Heat-induced Centrosomal Abnormality
Miyakoda M, Suzuki K, Kodama S, Watanabe M (Japan)

P-41 RBE Value and Dose Rate Effects on the Ratio of Translocation to Dicentrics Yields in Neutrons with Low Energy Spectrum
Tanaka K, Gajendiran N, Mohankumar M (Japan)

P-42 Roll of Cell Cycle Regulators and Apoptosis in the Enhancement of Response to Mitogen in Lymphocytes of Mice Following Low Dose Radiation
Sainis KB, Shankar B, Pandey R, Premachandran S (India)

P-43 Small Dose Pre-irradiation Induced Radio-resistance and Longevity after Challenging Irradiation in Splenectomized C57BL/6 Mice
Horie K, Kubo K, Kondo H, Yonezawa M (Japan)

P-44 Suppression of X-ray-induced Apoptosis by Low Dose Pre-irradiation in the Spleen of C57BL/6 Mice
Yonezawa M, Takahashi A, Ohnishi K, Misonoh J, Ohnishi T (Japan)

P-45 Effect of Pre-irradiation of Mice Whole Body with X-ray on Radiation-induced Killing, Induction of Splenic Lymphocyte Apoptosis and Expression of Mutated Ca^{2+} Channel α_{1A} Subunit
Sawada K, Takahashi A, Ohnishi T, Sakata-Haga H , Fukui Y (Japan)

P-46 Elevation of Antioxidants in the Kidneys of Mice by Low-dose Irradiation and Its Effect on Fe^{3+}-NTA Induced Kidney Damage
Nomura T, Yamaoka K, Sakai K (Japan)

P-47 Suppressive Effects of Long-term Low Dose Gamma Irradiation on Chemical Carcinogenesis in Mice
Sakai K, Hoshi Y, Nomura T, Oda T, Iwasaki T, Fujita K, Yamada T, Tanooka H (Japan)

P-48 Possible Role of Elevation of Glutathione in Acquisition of Enhanced Immune Function of Mouse Splenocytes Exposed to Low-dose γ-Rays
Kojima S, Matsumori S, Ishida H, Takahashi M, Yamaoka K (Japan)

P-49 Radiation Protection Effect on Hatakeshimeji (Lyophyllum decastes Sing)
Gu Y, Ukawa Y, Hasegawa T, Suzuki I, Iwasa KBT (Japan)

P-50 Spontaneous Tumorigenesis in Mice Defective in the *MTH1* Gene Encoding 8-Oxo-dGTPase
Tsuzuki T, Egashira A, Yamauchi K, Yoshiyama K, Isogawa A, Sakamoto K, Yoshimura Y, Kura S, Katsuki M, Maki H, Sekiguchi M (Japan)

P-51 Spontaneous and Radiation Tumorigenesis in *p53* Deficient Mice
Baskar R, Ryo H, Nakajima H, Hongyo T, Li LY, Syaifudin M, Si XE, Nomura T (Japan)

P-52 Differences of Molecular Alteration between Radiation-induced and *N*-Ethyl-*N*-Nitrosourea-induced Thymic Lymphomas in B6C3F1 Mice
Kakinuma S, Nishimura M, Kubo A, Nagai J, Mita K, Ogiu T, Majima H, Katsura Y, Sado T, Shimada Y (Japan)

P-53 Oncogenes and Tumor Suppressor Genes in Murine Tumors Induced by Neutron or Gamma-irradiation *In Utero*
Antal S, Lumniczky K, Pálfalvi J, Hidvégi EJ, Schneider F, Sáfrány G (Hungary)

P-54 Low Dose Fetal Irradiation, Chromosomal Instability and Carcinogenesis in Mouse
Uma Devi P, Hossain M, Satyamitra M (India)

P-55 Susceptibility to Radioactive Iodine (^{131}I) in Rats of Newborn, Pubertal and Adult
Nitta Y, Endo S, Fujimoto N, Kamiya K (Japan)

P-56 Possible Mechanisms of Hepatocytes Death Induced by Internal Ionizing Radiation
Filimonova GF, Tokin IB (Russia)

P-57 Evaluation of Time Necessary for Irradiated Cell Population Recovery
Tokin IB, Filimonova GF, Samyshkina ND (Russia)

P-58 Model of Crypt and Villus Cell Population Kinetics in the Small Intestine after Irradiation
Tolstaya MV (Russia)

P-59 Modelling Carcinogenic Effects of Low Doses of Inhaled Radionuclides
Balásházy I, Hofmann W, Dám A, Pálfalvi J (Hungary)

P-60 Mortality in Offspring of the Second and Third Generations after Irradiation of Germ Cells of Both Grandparents: Experimental Studies
Nefyodova I, Nefyodov I (Russia)

P-61 Possible Promotion of Brain Tumors in Rats by a Cell Phone (860MHz) Pulsed Radiofrequency
Zook BC, Simmens SL (USA)

P-62 Basic Study on the Radon Effects and the Thermo Effects in Radon Therapy
Yamaoka K, Mifune T, Kojima S, Mori S, Shibuya K, Tanizaki Y, Sugita K (Japan)

P-63 Influence of XPD Variant Alleles on p53 Mutations in Lung Tumors of Nonsmokers and Smokers
Hou S-M, Nyberg F, Husgafvel-Pursiainen K (Finland)

P-64 Genetic Instability in Thorotrast Induced Intrahepatic Cholangiocarcinoma
Liu D, Goto A, Momoi H, Takebayashi Y, Li L, Ishikawa Y, Fukumoto M (Japan)

P-65 Mutations in Cervical Cancer for the Predictive Factors of Radiotherapy
Wani KYM, Huilgol NG, Hongyo T, Ryo H, Nakajima H, Li LY, Chatterjee N, Nair CKK, Nomura T (Japan)

P-66 Lectin Staining as a Predictive Test for Radiosensitivity of Oral Cancers
Remani P, Bhattathiri VN, Bindu L, Krishnan Nair M (India)