



# EUROPEAN RADIATION RESEARCH 2012

## Tuesday, 16 October 2012

### Poster Session 1 - Poster Hall (16:00 - 17:00)

time	[id] title	presenter
16:00	[49] Steady-state and pulse radiolysis study of selected alkaloids in aqueous DNA and human serum albumin (HSA) systems	Mrs MARSZALEK, Milena
16:01	[71] C-centered paramagnetic species generated radiolytically in molecular sieves.	Mr STERNICZUK, Marcin
16:02	[115] ABSOLUTE CROSS SECTIONS FOR THE FRAGMENTATION OF BIOLOGICALLY RELEVANT MOLECULES AFTER IONISATION	Mr ARNDT, Alexander
16:03	[142] Radiolytic study of interactions of organic cations with heparin	JAKUBOWSKA, Malgorzata
16:04	[164] Radiolysis and photolysis of coralyne and sanguinarine water solutions.	Ms KONARSKA, Anna
16:05	[225] Reactivity of hydroethidine towards peroxy radicals	Mr MICHALOWSKI, Bartosz
16:06	[72] CytoBayesJ: Software tools for Bayesian analysis of cytogenetic radiation biodosimetry data	Dr AINSBURY, Elizabeth
16:07	[73] RENEb – Realizing the European Network of Biological Dosimetry	Dr KULKA, Ulrike
16:08	[77] Intra- and inter-individual variability of the dicentric frequency in human lymphocytes exposed to ionizing radiation at different temperatures	Prof. LANKOFF, Anna
16:09	[78] Dose-response curves for Portuguese population: Chromosomal aberrations and Micronuclei assays	Dr MONTEIRO GIL, Octávia
16:10	[79] Influence of image acquisition and analysis parameters on $\gamma$ -H2AX dose-response curves in human lymphocytes exposed to ionizing radiation	Dr WOJEWÓDZKA, Maria
16:11	[83] A novel analytical method of biological treatment plan optimization	Dr CUTANDA HENRÍQUEZ, Francisco
16:12	[88] Establishment of an $^{192}\text{Ir}$ $\gamma$ -ray calibration curve for lymphocyte dicentric assay in case of occupational or accidental exposure in industrial radiography	Dr GOLNIK, Katarzyna
16:13	[92] Sodium tartrate as ESR dosimetric material for low-dose measurement	Dr TUNER, Hasan
16:14	[94] GAMMA DOSE RATE AND EFFECTIVE INDOOR GAMMA DOSE IN DWELLING OF CAMPANIA REGION	Dr PUGLIESE, Mariagabriella
16:15	[97] Cytogenetic Assays For Assessment Of Ionizing Radiation-Induced DNA Damage	Ms ASSADI, najmeh
16:16	[98] Preservation of chestnut fruits by gamma irradiation: inter-comparison of absorbed dose results using three types of dosimeters	Dr LOPES ANTONIO, Amilcar
16:17	[118] Evolution of the Canadian Biological Dosimetry Network	Dr WILKINS, Ruth
16:18	[128] Dose assessment and consideration in the deep place of the skin at the time of liniment use	Mr AKIMA, Ryo
16:19	[138] ASSESSMENT OF THE FREQUENCY OF CHROMOSOMAL ABERRATIONS IN MAYAK WORKERS EXPOSED OCCUPATIONALLY	Mrs SOTNIK, Natalia
16:20	[139] Cytogenetic effects of chronic exposure of the Red Bone Marrow in humans	Ms VOZILOVA, Alexandra

16:21	[141] THRESHOLD LIMITS IN CYTOGENETIC INDICATION AND BIODOSIMETRY IN TERMS OF CHRONIC EXPOSURE	Dr OSOVETS, Sergey
16:22	[160] NK cells and their response to ionizing irradiation	Ms ZÁRYBNICKÁ, Lenka
16:23	[162] Gene Expression Analysis in Human Peripheral Blood Lymphocytes for Biodosimetric Applications after Low and High Dose Gamma-Irradiation	Dr KRIEHLER, Ralf
16:24	[175] A metaphase finder using single manufacturer's product	Dr FURUKAWA, Akira
16:25	[216] Radiation dose estimative using computational murine model from Gd-159 nanostructured radiopharmaceutical	Dr SANTOS, ADRIANO M.
16:26	[224] Development of nuclear safety and radiological protection methods for the nuclear power engineering's current and future needs.	Dr BRZOSKA, Kamil
16:27	[240] Retrospective dose assessment by EPR and OSL in mobile phones	Dr FATTIBENE, Paola
16:28	[259] Estimation of entrance surface dose and compliance with diagnostic reference levels for selected plane film X-ray radiographic procedures in Poland	Dr MAJCHRZAK, Katarzyna
16:29	[19] Measures of DNA damage sensitivity correlate bladder cancer cell treatment sensitivity in vitro and outcome in vivo.	JONES, G
16:30	[50] Estimation of transgenerational effects of radiation in male germ cells of mice using high-density microarray CGH platform	Dr ASAKAWA, Jun-ichi
16:31	[54] Analyses of CT induced DNA damage to determine radiation sensitivity of different age groups, especially young children – a pilot study in the frame of the EU EPI – CT project	Mrs OESTREICHER, Ursula
16:32	[58] TOPORS modulates H2AX discriminating genotoxic stresses	Dr KIM, CHA SOON
16:33	[87] Differences in correct and incorrect rejoining of DNA double-strand breaks in human fibroblasts having different radiosensitivity	Dr ALSBEIH, Ghazi
16:34	[103] Super resolution microscopy of ion induced repair foci in human HeLa cells	SEEL, Judith
16:35	[119] The study of DNA damage in lymphocytes and granulocytes after whole body irradiation in mice	SINKOROVA, Zuzana
16:36	[140] Application of FISH technique to study chromosome 1, 2 and 4 in colorectal cancer patients	Dr MISZCZYK, Justyna
16:37	[156] DNA end resection is required for the repair of complex lesions in human G1 cells	AVERBECK, Nicole
16:38	[157] Single and double strand breaks of DNA in peripheral blood lymphocytes of chronically exposed individuals	Ms POGODINA, Alyona
16:39	[182] Ionizing radiation induced genomic instability in human fibroblasts and modulating effects of telomerase activities in different processes of DNA DSB repair	Dr NUTA, Otilia
16:40	[190] PROTON RADIATION DOSE INFLUENCE ON NUMBER OF DSB'S IN CANCER CELLS	MALCIUS, Mindaugas
16:41	[205] The influence of end resection by CtIP on the Artemis dependent DNA double-strand break repair pathway in G1 and G2 phase after high- and low-LET irradiation	Dr CONRAD, Sandro
16:42	[222] Accumulation of non-DSB oxidative clustered DNA lesions in irradiated BRCA1 deficient cells affects mitigation of radiotoxicity and enhances chromosomal instability	Dr TERZOUDI, Georgia
16:43	[223] Involvement of chromatin organization at different cell-cycle stages in the conversion of DNA lesions into chromatid breaks and exchanges	Dr PANTELIS, Gabriel