



ICRR 2019 Flash Presenters Poster Sessions

Poster Number	Poster Title	First Name	Last Name	Organization	Country	Poster Session
FP-01	Central role of spatial ROS distribution at the nanometric scale in the molecular response to carbon ion irradiation	Gersende	Alphonse	Laboratory of Cellular and Molecular Radiobiology	France	Poster Session 1 Monday August 26 1:00 - 1:30
FP-02	Radio- and chemo-induced DNA double-strand breaks repair kinetics: effect on bladder cancer cell lines.	Larry	Bodgi	American University Of Beirut Medical Center	Lebanon	Poster Session 1 Monday August 26 1:00 - 1:30
FP-03	Radionuclide therapy with Radium-223: in vitro evaluation of radiobiological effects in metastatic prostate cancer cells	Maria F	Botelho	Biophysics Institute, ICBR, FMUC	Portugal	Poster Session 1 Monday August 26 1:00 - 1:30
FP-04	Evaluation of an ultra-high dose-rate (FLASH) effect after microbeam and broadbeam irradiation at the European Synchrotron Radiation Facility (ESRF)	Annie	Hunger	Helmholtz Zentrum München	Germany	Poster Session 1 Monday August 26 1:00 - 1:30
FP-05	Histone variant H2A.J in persistent DNA damage signalling triggers senescence-associated inflammatory cytokine secretion.	Anna	Isermann	Department Of Radiation Oncology, Saarland University	Germany	Poster Session 1 Monday August 26 1:00 - 1:30
FP-06	Using a hypoxia regulated lineage tracing and genetic ablation model, to study the role of hypoxic cells in therapy resistance.	Jonathan	Lent	MAASTRO, Maastricht University	Netherlands	Poster Session 1 Monday August 26 1:00 - 1:30
FP-07	NanOx's predictions of cell survival probability for three cell lines, and study of the influence of its parameters	Caterina	Monini	Université Lyon	France	Poster Session 1 Monday August 26 1:00 - 1:30
FP-08	The impact of unobserved heterogeneity in radiation-associated cancer risk assessment	Kyoji	Furukawa	Kurume University	Japan	Poster Session 1 Monday August 26 1:00 - 1:30
FP-09	Effects of inflammatory marker on the relationship between intracellular ROS in blood and radiation exposure among atomic bomb survivors	Tomonori	Hayashi	Radiation Effects Research Foundation	Japan	Poster Session 1 Monday August 26 1:00 - 1:30
FP-10	Mechanisms of radiation leukaemogenesis, characterisation of the haematopoietic stem cells and modulation of risk	Melis	Karabulutoglu	Cancer Mechanisms and Biomarkers group, Biological Effects Department, Centre for Radiation, Chemical and Environmental Hazards, Public Health England	United Kingdom	Poster Session 1 Monday August 26 1:00 - 1:30
FP-11	Correlation Between γ -H2AX, Micronucleus and Annual Occupational Dose in Medical Workers	Iin	Kurnia	Center for Technology of Radiation Safety and Metrology	Indonesia	Poster Session 1 Monday August 26 1:00 - 1:30
FP-12	FOXO1: A Metabolic Target for the Reversal of Radiation Fibrosis	Jennifer	Kwan	Institute of Medical Science, University of Toronto	Canada	Poster Session 1 Monday August 26 1:00 - 1:30
FP-13	Does an in utero exposure to ionizing radiation alter the response to an acute lung injury stimulus later in adolescence?	James	McEvoy	Flinders University	Australia	Poster Session 1 Monday August 26 1:00 - 1:30
FP-14	The Role of HIF2-Induced Wnt5a in Small Intestine Regeneration after Radiation Injury	Carolina	Garcia	The University Of Texas Md Anderson Cancer Center	United States	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-15	Early and Delayed Radiation Effects Caused by Low vs Intermediate Dose X-ray Exposure in Cultured Human Mesenchymal Stem Cells	Andreyan	Osipov	State Research Center - Burnasyan Federal Medical Biophysical Center Of Federal Medical Biological Agency	Russia	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-16	Long term imaging of cells after targeted irradiation of mitochondria	Sarah	Rudigkeit	Universität Der Bundeswehr München	Germany	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-17	Radiation-Induced DNA Damage Effects on 3D Genome Organization	Jacob	Sanders	University Of Tennessee, Knoxville	United States	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-18	Mosaic and heterozygous Bccp deletions promote tumorigenesis and sensitize mice to radiation.	Zhiyuan	Shen	Department of Radiation Oncology, The Rutgers Cancer Institute of New Jersey, Robert Wood Johnson Medical School, Rutgers University	United States	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-19	DNA Mechanistic Repair Simulator (DaMaRIS): An in silico frame within which to assemble the puzzle pieces of in vitro experiments.	John-William	Warmenhoven	University Of Manchester	United Kingdom	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-20	The effect of radiotherapy on the immune phenotype of prostate cancer patients	Katalin	Balázs	National Public Health Institute	Hungary	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-21	New Coordinated Research Projects of the International Atomic Energy Agency (IAEA) in the area of Applied Radiation Biology and Radiotherapy	Oleg	Belyakov	International Atomic Energy Agency	Austria	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-22	Validation of a prostate hypoxia gene expression signature as a biomarker for personalised radiotherapy treatment	Becky	Bibby	University of Manchester	United Kingdom	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-23	Multimodality imaging to predict chemoradiotherapy outcome and hypoxia-related tumor cell metabolism in cervical cancer	Tord	Hompland	Institute Of Cancer Research, Oslo University Hospital	Norway	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-24	Hybrid Spheroid Assay Measured Cancer Stem Cell Radiosensitivity Predicts Clinical Outcomes for Individual Patients.	Christopher	Lange	SUNY Downstate Medical Center	United States	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-25	Determining the molecular mechanisms of fractionation sensitivity.	David	McBay	Institute Of Cancer Research	United Kingdom	Poster Session 2 Tuesday August 27 12:45 - 1:15

FP-26	Developing an XNA clamp-based Method to Predict Oncogenic Risk After Genotoxic Exposures	Paul	Okunieff	University Of Florida	United States	Poster Session 2 Tuesday August 27 12:45 - 1:15
FP-27	Toward the establishment of radiation health risk science: The effect of education on radiation risk perception among young people	Sanae	Midorikawa	Fukushima Medical University	Japan	Poster Session 3 Wednesday August 28
FP-28	Effect of adipose-derived stem cell (ADSC) transplantation to reduce whole body X ray damage in mice	Akira	Ootsuyama	Univ. of Occup. and Environm. Health	Japan	Poster Session 3 Wednesday August 28
FP-29	DNA damage accumulation during fractionated low-dose radiation compromises hippocampal neurogenesis	Claudia E.	Ruebe	Saarland University	Germany	Poster Session 3 Wednesday August 28
FP-30	Radiation risk of uterine corpus cancer among atomic-bomb survivors in Hiroshima and Nagasaki: 1958-2009	Mai	Utada	Radiation Effects Research Foundation	Japan	Poster Session 3 Wednesday August 28
FP-31	Exploring the anamniote invitromes for environmental radiobiology research: Is the new fish cell line eelB a diamond in the sand?	Nguyen	Vo	McMaster University	Canada	Poster Session 3 Wednesday August 28
FP-32	Efficacy analysis of Phosphodiesterase-5 enzyme inhibitor based topical hydrogel formulation against Radiation Dermatitis	Shweta	Kulshrestha	Institute Of Nuclear Medicine & Allied Sciences	India	Poster Session 3 Wednesday August 28
FP-33	Oxygen: the Simplest Theranostic for Tumor Radiation Response	Ralph	Mason	UTSouthwestern	United States	Poster Session 3 Wednesday August 28
FP-34	Selective modulation of WNT-beta catenin signaling by BCN057 promotes the therapeutic ratio of radiotherapy against pancreatic malignancy.	Andrew	Norris	University of California Los Angeles	United States	Poster Session 3 Wednesday August 28
FP-35	Elimination of senescent salivary gland stem and progenitor cells ameliorates radiation-induced hyposalivation.	Xiaohong	PENG	UMCG	Netherlands	Poster Session 3 Wednesday August 28
FP-36	An investigation into the plausibility of oxygen depletion as the mechanism behind FLASH.	Bethany	Rothwell	University Of Manchester	United Kingdom	Poster Session 3 Wednesday August 28
FP-37	Heterogeneity in Hypoxia and Gene Expression within Prostate Tumors	Unn Beate	Salberg	Oslo University Hospital	Norway	Poster Session 3 Wednesday August 28
FP-38	Implementation of a mouse model of pelvic radiation-induced gastrointestinal toxicity to develop microbial therapies	Charlotte	Segers	Sck•cen	Belgium	Poster Session 3 Wednesday August 28