

10th Annual Space Radiation Helath Investigators' Workshop
June 13-16, 1999, Upton, NY
List of Abstracts Received as of 4/19/99

	Name of Author	Abstract Title
1.	M. Kadhim, D. Pocock, S. Lorimore, D. Stevens, M. Hill, E. Wright, D. Goodhead	Radiation Induced Chromosomal Instability: Studies Of Radiation Quality and Targeted Effects
2.	AC Miller, J. Xu, T. Whittaker, E.J. Ainsworth, TM Seed	Differential Pattern of a Proton- or Cobalt-Induced Genetic Fingerprint: Application to Radiation-Induced Cancer Chemoprevention Strategies
3.	D.S. Gridley, E.H.Kajioka, C. Gheorghe, J. Li, M. L. Andres, L.M. Green, G. A. Nelson, J.M. Slater	Proton Versus Gamma Radiation Effects on Immunological Status in an Animal Model
4.	Ts. Dachev, B. Tomov, Yu. Matviichuk, Pl. Dimitrov, J. Lemaire, Gh. Gregoire, G. Reitz, R. Beaujean	Analysis of the Calibration Results Obtained With the Flight Model of the Mobile Radiation Exposure Control System Liulin for the "Dosimetric Mapping" Experiment To Be Flowin Onboard US Laboratory Module of ISS
5.	Betsy M. Sutherland, Paula V. Bennett, John C. Sutherland, John Trunk, Denise Monteleone, Olga Sidorkina, Jacques Laval	Clustered DNA Damage in Human Cells Irradiated with 1GeV Fe ⁺²⁶ *
6.	Kazunobu Fujitaka	Progress in Heavy Ion Researches with HIMAC
7.	S.B. Curtis	New Perspectives On Low Dose Risk Estimation
8.	E.Krasavin, R. Govorun, M. Repin, G. Tymoshenko, M. Lukashova, S. Kozubek	Chromosomal Aberrations in Human Lymphocytes Induced By 1 GEV Protons In Vitro
9.	T. Ohnishi, K. Ohnishi, A. Takahashi, T. Nakano, S. Nagaoka	The Effects of Microgravity on Ligase Activity in DNA Repair for Double Strand Breaks
10.	T. Kawata, E. Gotoh, M. Durante, Y. Furusawa, D. Morrison, H. Wu	Induction and Rejoining of Chromatid Breaks Following High-LET Radiation Exposure
11.	M.Y. Kim, J.L. Shinn, R.C. Singleterry, W. Atwell, J.W. Wilson	Solar Particle Event Expsoures and Local Tissue Environments in Free Space and on Martian Surface
12.	M.S. Cloudsley, J.H. Heinbockel, J.L. Shinn, R.C. Singleterry, R.K. Tripathi, J.W. Wilson	An Improved Algorithm For Neutron Exposures
13.	Jerry R. Williams, Haoming Zhou, John F. Dicello, Frank Cucinotta, Yonggang Zhang	Induction of Symmetrical and Asymmetrical Chromosome Aberrations in Mammalian Cells by Fe-ions, Protons: A Subalpha-Alpha-Omega Analysis
14.	J.L. Parsons, L.W. Townsend	Estimates of Crew Dose Rates For the August 1972 Solar Particle Event: A High Dose Rate Event
15.	T. Nakano, K. Ohnishi, A. Takahashi, Y. Taniguchi, M. Sato, M. Fukui, S. Nagaoka, T. Ohnishi	Detection of DNA Damage Induced By Space Radiation In The MIR-Space Station and Space Shuttle By Post-Labeling in DNA
16.	T. Hayashi, T. Doke, N. Hasebe, T. Kashiwagi, J. Kikuchi, M. Kobayashi, S. Kono, A. Kyan, S. Nagaoka, T. Nakano, K. Ogura, T. Sakaguchi, K. Takahashi, S. Takahashi, T. Takagi, T. Takashima, K. Terasawa, E. Yoshihira, G.D. Badhwar	Measurements of LET Distribution and Dose Equivalent With RealTime Radiation Monitoring Device (RRMD) Onboard A Series of Shuttle MIR Missions
17.	N.F. Metting	KU-Protein Visualization After Heavy Ion Exposure
18.	G. Calaf, T.K. Hei, E.J. Hall	Emergency Of Progressive Neoplastic Changes of Breast Epithelial Cells Treated with Estrogen and High LET Radiation
19.	H. Evans, Minf-Fen Horng, Marlene Ricanati, Rob Jordan, Jeffrey L. Schwartz	Induction of Genomic Instability in WTK1 Human Fibroblasts
20.	J.W. Wilson, J.L. Shinn, R.C. Singleterry, F.F. Badavi, G.D. Badhwar, G. Reitz, R. Beaujean, F.A. Cucinotta	Spaceflight Validation of Hzetrn Code
21.	F. Yatagai, A. Gordon, S. Morimoto, N. Fukunishi, M. Honma, T. Sofuni, F. Hanaoka	HPRT Mutation Induction In Human Cells By Heavy-Ion Irradiation
22.	Nge Cheong, Ya Wang, George Iliakis	Evidence for the Presence of Factors Modulating Radiation-Induced G2 Delays
23.	Ron Turner	Observing Solar Particle Events
24.	Ron Turner	Space Environment and the International Space Station: Recommendations to Reduce Radiation Risk During Solar Maximum

25.	A.L. Brooks, S. Bao, K. Rithidech, L.A. Couch, L.A. Braby	Influence of HZE ⁵⁹ Fe Particles on Chromosome Aberrations in Rat Bone Marrow and Respiratory Tract Cells
26.	E.H. Goodwin, X. Cui, M. Breneman, J. Meyne, M. Oshimura, D.J. Chen	The XRCC2 and XRCC3 DNA Repair Genes are Required for Chromosomal Stability
27.	R.C. Singleterry, J.W. Wilson, A.H. Whitehead, P.E. Goldhagen	Atmospheric Ionizing Radiation (AIR) Project Review
28.	H. Yasuda, T. Komiyama, G.D. Badhwar, K. Fujitaka	Effective Dose Equivalent Evaluated Using A Human Phantom Torso In The 9 th Shuttle/MIR Mission (STS-91)
29.	P. Todd, B. Brown, M.A. Kacena, D.M. Klaus, B. Manfredi, M.J. Pecaut, M.R. Fleshner	Microbiology and Immune Risk in Deep Space Flight
30.	P. Goldhagen, R.C. Singleterry, M. Reginatto, J.W. Wilson, H. Tai, W. Van Steveninck, I.W. Jones, J.L. Shinn	The Atmospheric Ionizing Radiation (AIR) Project-Preliminary Results for Neutron Spectra and Ionizing Rate