

Oral Presentations Program; 9th ICHLERA

September 24 to 27, 2018

Monday, September 24		
13:00	17:00	Registration
Tuesday, September 25		
8:00	8:30	Registration
8:30	8:45	Opening remarks
Keynote Lecture 1		
8:45	9:30	M. Sohrabi Universal Radiation Protection System (URPS); a natural global standardized trend for human exposure control in 21st century
High Background 1		
9:30	9:45	O-1-1 D. Iskandar, E. Pudjadi, Syarbaini, Kusdiana, Wahyudi, M. Wiyono, <u>E. D. Nugraha</u> Indoor radon concentration at mamuju regency, West Sulawesi, Indonesia
9:45	10:00	O-1-2 H. D. Van, C. N. Dinh, <u>A. Akinsunmade</u> Determination of natural radionuclides for the samples very rich in thorium in Mandena deposit, South Madagascar
10:00	10:15	O-1-3 <u>D. Al-Azmi</u> , S. Kumara, Mohan M.P, Karunkara N Gamma dose rates in the high background radiation area of Mangalore district, India
10:15	10:30	O-1-4 <u>N. Matsuda</u> , N. Fukuda, M. Yamauchi, M. Kita High background area for radiation education
10:30	10:45	Coffee break (Poster viewing)
Invited Lecture 1		

10:45	11:15	M. Kai Radiological protection in the event of a large nuclear accident
Environmental Monitoring/Dose Estimation 1		
11:15	11:30	O-2-1 <u>S. Solomon</u> Reassessment of inhalation doses to workers in Australian show caves
11:30	11:45	O-2-2 <u>E. Pudjadi</u> , Kusdiana, E. D. Nugraha External dose due to natural radioactivity in high background area at Botteng-Mamuju regency, West Sulawesi, Indonesia
11:45	12:00	O-2-3 <u>A. Nadhiya</u> , M. U. Khandaker Evaluation of radiation dose to maldivians via the consumption of tuna fish caught from the coastal waters of Arabian Sea/Indian Ocean
12:00	12:15	O-2-4 <u>Y. Tamakuma</u> , R. Yamada, T. Suzuki, T. Kuroki, R. Saga, H. Mizuno, H. Sasaki, K. Iwaoka, M. Hosoda, S. Tokonami Performance test of various environmental radiation monitors using silicon photodiode in Fukushima
12:15	13:40	Lunch time
Invited Lecture 2		
13:40	14:10	M. Balonov Health effects of reactor accidents with special regards to Chernobyl
Nuclear Accident		
14:10	14:25	O-3-1 <u>J. Tschiersch</u> , K. Yoshimura, V. Spielmann, K. Hürkamp, K. Iijima, T. Shinonaga, K. Miyahara Potential inhalation dose due to remediation activities in the Fukushima exclusion zone
14:25	14:40	O-3-2 <u>H. Yamazawa</u> , A. Oku, N. Yaguchi, J. Moriizumi, Y. Sato Evaluation of atmospheric concentrations of Fukushima Daiichi NPP I-131 and other FP nuclides from nai pulse height distribution data
14:40	14:55	O-3-3 <u>N. Kavasi</u> , S. Somboon, T. Aono Cesium decontamination factor determination on different extraction chromatography resins

14:55	15:10	O-3-4 <u>S. Kasar</u> , S. K. Sahoo, T. Aono Uranium, thorium and rare earth elements distributio in Fukushima soil samples
15:10	15:40	Company presentation
15:40	15:55	Coffee break (Poster viewing)
Invited Lecture 3		
15:55	16:25	M. Del Nero, S. Georg, G. Fleury, O. Courson, <u>R. Barillon</u> The importance of radionuclides chemistry to understand radionuclides behavior in the geosphere
NORM/Regulatory Science		
16:25	16:40	O-4-1 <u>Saïdou</u> , S. Tokonami, M. Hosoda, N. N. II. J. Emmanuel, N. Akata, T. S. Y. Flore Natural radiation exposure to the public in mining and ore bearing regions of Cameroon
16:40	16:55	O-4-2 <u>R. Kritsananuwat</u> , S. Chanyotha, C. Kranod, P. Sriploy, T. Ploykrathok Natural radionuclides in agricultural plants from northern Thailand
16:55	17:10	O-4-4 <u>T. Koshiba</u> , A. Kobayashi, T. Kaneko, R. Takashima, S. Futatsukawa, T. Iimoto Noticed points and improvement process on radiation safety culture in Japan, based comparing with the western countries
Wednesday, September 26		
Invited lecture 4		
8:30	9:00	<u>A-M. Nourreddine</u> , Y. O. Sallem, E. Wilhelm Experimental and simulated effective dose using high-resolution gamma-ray spectrometry
Environmental Monitoring/Dose Estimation 2		

9:00	9:15	O-5-1 <u>M. Sasaki</u> , A. Yamamoto, Y. Sanada Implementation of shielding factor of forest to ml-em method for airborne radiation monitoring
9:15	9:30	O-5-2 <u>Q. Chen</u> , C. Chen, W. Zhuo Measurement of environmental carbon-14 by using the powder floating sampling method
9:30	9:45	O-5-3 <u>Fe M. D. Cruz</u> , L. J. H. Palad, A. DM. Bulos, K. Iwaoka Contribution of RN-52 generated data in the establishment of radioactivity data base in the Philippines
9:45	10:00	O-5-4 <u>LZ. Chhangte</u> , PC. Rohmingliana, B. K. Sahoo, B. K. Sapra, Hmingchungnunga, Vanramlawma, Remlalsiama, Z. Pachuau, B. Zoliana Determination of radon mass exhalation rate in the region of highest lung cancer incidence in India.
10:30	10:45	Coffee break (Poster viewing)
Invited Lecture 5		
10:15	10:45	<u>J. Chen</u> Risk assessment for radon exposure in various indoor environments
Radon 1		
10:45	11:00	O-6-1 <u>Z. Yang</u> , J. Liang, N. Wang The secondary radon-222 concentration standard in NIM China
11:00	11:15	O-6-2 <u>Y. Wang</u> , L. Zhang, Z. Yang, Q. Guo, J. Liang Intercomparison experiment and uncertainty analysis of three measurement methods for radon progeny at NIM
11:15	11:30	O-6-3 <u>Y. Igarashi</u> , T. Nozaki, H. Mizuno, T. Kuroki, Y. Uchida, M. Janik, T. Iimoto Technical discussion on radon and its progeny continuous monitor using two filter method
11:30	11:45	O-6-4 <u>S. M. Nasser</u> , M. U. Khandaker Evaluation of radon concentration in irrigation and drinking waters from eastern part of Oman using nuclear track detectors and estimation of corresponding doses to human health

11:45	12:00	O-6-5 <u>M. Janik</u> , Y. Yasuoka, S. Higuchi, Md. M. Hasan, L. Tommasino Validation of radon-film-badge for measurement of radon in water
12:30	15:00	Technical tour (with lunch)
18:00	21:00	Banquet
Thursday, September 27		
Keynote Lecture 2		
8:30	9:15	<u>J. Mc Laughlin</u> Dosimetric and epidemiological approaches to indoor radon lung cancer risk estimation
Invited Lecture 6		
9:15	9:45	<u>R. C. Ramola</u> Measurements of radon, thoron and progeny concentrations in normal and high background radiation areas of India
Radon 2		
9:45	10:00	O-7-1 <u>T. Kovacs</u> , A. Shahrokhi, D. Kikaj, J. Vaupotic, A. Csordas, T. Vigh Radon and mitigation possibilities and health risk assessment based on the new ICRP recommendations in the Manganese Mines
10:00	10:15	O-7-2 <u>M. Chege</u> , C. Nyambura Review of radon and thoron research in Kenya: 1997-2017
10:15	10:30	O-7-3 <u>T. Suzuki</u> , M. Hosoda, N. Akata, W. Zhuo, K. Iwaoka, K. Yamanouchi, Y. Tamakuma, Y. Shiroma, M. Furukawa, S. Tokonami Development of a passive radon and thoron exhalation rate monitor for long-term and large-scale survey
10:30	10:45	O-7-4 <u>W. Zhuo</u> , B. Chen, Y. Yi An overview of environmental radon surveys in China
10:45	11:00	O-7-5 <u>P. Bossew</u> Radon priority areas and radon extremes

11:00	12:00	Poster session (including coffee break)
12:00	13:15	Lunch time
Invited Lecture 7		
13:15	13:45	<u>S. Akiba</u> Epidemiological studies of cancer risk due to low-dose-rate radiation from environmental sources
Health Risk		
13:45	14:00	O-8-1 <u>P. Jayalekshmi</u> , R. R. K. Nair, P. Sebastian, S. Nakamura, S. Akiba Cancer risk in relation to HBR exposure among the Karunagappally cohort, Kerala, India -- cancer incidence during the period 1990-2013.
14:00	14:15	O-8-2 <u>A. Sreekumar</u> , P. A. Jayalekshmi, A. Nandakumar, R. R. K. Nair, R. Ahammed, P. Sebastian, C. Koriyama, S. Akiba, S. Nakamura, J. Konishi The prevalence of thyroid nodules among women in high background radiation area, Karunagappally, Kerala, India
14:15	14:30	O-8-4 <u>K. Higuchi</u> , M. Hosoda, S. Tokonami, M. Tsuji, S. Akiba Associations between ambient radon concentrations and Mt. Sakurajima' eruptions
14:30	15:00	Coffee break (Poster viewing)
Invited Lecture 8		
15:00	15:30	<u>T. Kondo</u> Biological effects of ionizing radiation: re-awareness of indirect effects and risk associated to inflammatory response
Radiation Effects		
15:30	15:45	O-9-2 <u>Y. Shiroto</u> , Y. Kitayama, H. Yoshino, S. Terashima, Y. Hosokawa, E. Tsuruga Ultraviolet B activates MMP-2 which degrades fibrillin-1 and fibrillin-2 of ciliary zonules and alveolus in vitro

15:45	16:00	O-9-3 N. Autsavapromporn, N. Dukaew, P. Klunklin, A. Wongnoppavich, S. Roytrakul, M. Hosoda, S. Tokonami Identification of novel biomarkers for early detection of lung cancer from high radiation areas: a preliminary study on proteomic analysis
16:00	17:00	General Assembly
17:00	17:15	Closing Remarks

Poster Presentations Program; 9th ICHLERA

September 24 to 27, 2018

Thursday, September 27 11:00-12:00	
Radiation Dosimetry	
P-1-1	<p><u>S. Yasmin</u>, B. S. Barua, M. U. Khandaker, Z. S. Rozaila, Md. A. Rashid, F-U-Z Chowdhury</p> <p>Study on thermoluminescence properties of commercial glasses used in Bangladeshi dwellings for accidental dosimetry</p>
Environmental Monitoring & Dose Assessment	
P-2-1	<p>M. Prasad, V. Ranga, <u>G. A. Kumar</u>, R. C. Ramola</p> <p>Spatial distribution and radiological implications of primordial radionuclides in soil of Mandakini Valley of Garhwal Himalaya, India</p>
P-2-2	<p><u>T. Nakanishi</u>, S. Sato, T. Matsumoto</p> <p>Temporal change of radiocesium deposition at the Fukushima floodplain</p>
P-2-3	<p><u>K. Yoshimura</u>, K. Fujiwara, S. Nakama</p> <p>Applicability of an autonomous unmanned helicopter survey of air dose rate in sub-urban area</p>
P-2-4	<p><u>Z. S. Žunic</u>, L. Benedik, S. K. Sahoo, R. Kritsananuwat, N. Veselinovic, Z. Stojanovska, S. Tokonami</p> <p>Distribution of uranium in urine, hair and nails in residents of Niska Banja town, a high natural background radiation area of Serbia</p>
P-2-5	<p><u>M. Tanaka</u>, N. Akata, C. Iwata, Y. Yamamoto</p> <p>Environmental tritium around a fusion test facility</p>
P-2-6	<p><u>M. Sakama</u>, K. Fujimoto, K. Inoue, M. Fukushi, Y. Imajyo, T. Fukuhara, M. Matsuura, T. Yajima, M. Endo, M. Fujisawa, E. Matsumoto-Kawaguchi</p> <p>Development of In-situ multiple-channel depth distribution spectrometer to determine specific radioactivities of each targeted underground soil layer by phits newly incorporated into dlInn algorithm</p>
P-2-7	<p><u>S. Nakasone</u>, A. Ishimine, Y. Ishizu, Y. Shiroma, M. Tanaka, N. Akata, H. Kakiuchi, T. Sanada, M. Furukawa</p> <p>Recent tritium concentration in monthly precipitation in Japan</p>
P-2-8	<p><u>N. Akata</u>, H. Hasegawa, S. Sugihara, M. Tanaka, M. Furukawa, N. Kurita, T. Kovács, Y. Shiroma, H. Kakiuchi</p> <p>Chemical and isotope composition of monthly precipitation collected at Toki, Japan</p>

P-2-9	<p>C. Kranod, S. Chanyotha, P. Pengvanich, R. Kritsananuwat, T. Ploykrathok, P. Sriploy, M. Hosoda, S. Tokonami</p> <p>Car-borne survey of natural background gamma dose rate in eastern, western and southern Thailand</p>
P-2-10	<p>H. Hasegawa, H. Kakiuchi, S. Ochiai, N. Akata, S. Tokonami, S. Ueda, S. Hisamatsu</p> <p>Temporal variation of post-accident I-129 in atmospheric particulate matter collected in an evacuated area of Fukushima Prefecture</p>
P-2-11	<p>D. K. Tran, <u>S. M. T. Hoang</u></p> <p>Assessment of environmental radioactivity in the area of titanium mining at Ha Tinh Province (Vietnam)</p>
P-2-12	<p><u>S. Buranurak</u></p> <p>Dielectric properties of PVDF/BaTiO₃ nanocomposites under gamma irradiation</p>
P-2-13	<p><u>Makhsun</u>, D. Iskandar, Kusdiana</p> <p>Analysis of natural radioactivity in soil and assessment of effective doses in several districts surrounding Jakarta, Indonesia</p>
P-2-14	<p>E. B. Enriquez, R. J. Aniago, L. J. H. Palad, R. R. Encabo, C. O. Mendoza, P. T. F. Cruz, J. U. Olivares, K. Iwaoka</p> <p>Post-Fukushima concentrations of Cs-134 and Cs-137 in the Philippine marine coastal environment</p>
P-2-15	<p>R. Raturi, M. Prasad, R. C. Ramola</p> <p>Carcinogenic and non-carcinogenic risks associated with the exposure to uranium and heavy metals via drinking water in bhagirathi valley of Indian Himalaya</p>
P-2-16	<p><u>M. Sugino</u></p> <p>Car-borne survey of environmental radiation measurements in Gunma Prefecture: Changes in air dose rate during the three years after the Fukushima Daiichi nuclear disaster</p>
P-2-17	<p>L. Palad, C. Mendoza, F. Delacruz, J. Olivares, K. Iwaoka</p> <p>Absorbed dose rates in air along two industrial facilities in Leyte Island, Philippines</p>
P-2-18	<p><u>S. Somboon</u>, K. Inoue, S. Kasar, S. K. Sahoo, H. Tsuruoka, H. Shimizu, H. Arae, M. Fukushi</p> <p>Distribution of uranium in selected Japanese river water</p>
P-2-20	<p><u>T. Hokama</u>, H. Fujita, T. Iimoto</p> <p>Development of emergency monitoring system for radionuclide emitting alpha-ray in the air</p>
P-2-21	<p><u>T. Yamada</u>, A. Hachisuka, K. Soga</p> <p>Performance evaluation of the equipment for measuring radioactivity in whole foodstuff without sample preparation techniques after the Fukushima NPP accident</p>
P-2-22	<p><u>Y. M. Hassan</u>, M. U. Khandaker</p> <p>Assessment of natural radioactivity in maize and estimation of concomitant dose to Nigerian via ingestion pathway</p>

P-2-23	<u>P. Semwal</u> , K. Singh, T. K. Agarwal, M. Joshi, T. Kandari, M. Bijalwan, R. C. Ramola Assessment of radon, thoron exhalation rate and natural radionuclides (²²⁶Ra, ²³²Th and ⁴⁰K) in the Nainital region of Kumaun Himalaya, India
P-2-24	<u>I. Stojković</u> , N. Todorović, J. Nikolov, G. Bátor, T. Kovács Direct LSC method investigation for ¹⁴C determination in waters

Environmental Modelling for Radiation Protection

P-3-1	<u>P. Bossew</u> Spatial anomalies in radiometric datasets
P-3-2	<u>A. Takeda</u> , Y. Unno, H. Tsukada, Y. Takaku, S. Hisamatsu Speciation of iodine in soil solution in forest and grassland soils in Rokkasho, Japan
P-3-3	<u>K. Miwa</u> , S. Takeda, T. Imoto Development of dose estimation system integrating sediment model for recycling radiocesium-contaminated soil to coastal reclamation
P-3-4	<u>K. Abe</u> , H. Hasegawa, N. Akata, H. Kakiuchi, J. H. Chiang, H. Suwa, S. Hisamatsu A simulation study of deposition parameters for I-129 discharged from the Rokkasho Reprocessing Plant
P-3-6	<u>Y. Unno</u> , A. Takeda, Y. Takaku, S. Hisamatsu Relationship between soil-soil solution distribution coefficient of ¹²⁵I and ¹²⁷I in pasture
P-3-8	<u>T. Kimura</u> , S. Fukutani, K. Yamaji, M. Ikegami Effect on microbial products on cesium elution behavior from clay minerals
P-3-9	<u>K. Iwaoka</u> , M. Hosoda, S. Tokonami, E. B. Enriquez, L. J. H. Palad Calculation tool for respiratory tract deposition depending on aerosols particle distribution

NORM & TENORM

P-4-1	<u>M. Yadav</u> , M. Prasad, R. C Ramola Variation of natural radioactivity in soil and water samples of Garhwal Himalaya region
P-4-2	<u>S. Sun</u> , Y. Nogami, T. Sugiyama, T. Imoto Discussion on NORM waste management under Japanese situation based on graded approach
P-4-3	<u>F. Leonardi</u> , M. Bonczyk, C. Nuccetelli, M. Wysocka, B. Michalik, R. Trevisi Radiological and chemical characterization of concrete containing NORM

High Level Natural Background Radiation Areas

P-5-1	<u>S. K. Sahoo</u> , S. Tokonami, T. Ishikawa, A. Sorimachi, Y. Omori, M. Hosoda, R. C. Ramola Naturally occurring radionuclides and selected rare earth elements in air particulates of an Indian high radiation background area
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P-5-2	<u>N. Veerasamy</u> , S. K. Sahoo, K. Inoue, M. Fukushi, H. Tsuruoka, H. Arae, B. Srinivasan Assessment of natural radioactivity of the beach placer sands in middle coastal region of Tamilnadu, India
P-5-3	<u>M. Sasaki</u> , R. Yamada, N. Akata, S. Tokonami, M. Hosoda, K. Iwaoka, C. Pornnumpa, H. Kudo, K. Sahoo, D. Iskandar, E. Pudjadi Dose variation measurement at the high background radiation area in Indonesia
P-5-4	<u>Syarbaini</u> , E. D. Nugraha, Kusdiana, E. Pudjadi, D. Iskandar Soil natural radioactivity levels and radiological hazard assessment in the high background radiation area of Tual and Kei Islands, Indonesia
P-5-5	<u>A. Shahrokhi</u> , E. Toth-Bodrogi, T. Kovacs, A. Csordas Radiological characterization of building materials using in the high natural-radiation background area of Mahallat, Iran
P-5-6	<u>E. Kocsis</u> , A. Peka, E. Tóth-Bodrogi, E. Fidanchevski, T. Kovács Environmental radiation background mitigation by application of geopolymer matrices
Radon, Thoron & Decay Products Measurements	
P-6-2	<u>S. Higuchi</u> , Y. Kamishiro, M. Ishihara, Y. Yasuoka, Y. Mori, M. Hosoda, K. Iwaoka, S. Tokonami, M. Janik, J. Muto, H. Nagahama, T. Mukai Evaluation of a radon air monitor as a measurement of radon concentration in water in comparison with a liquid scintillation counter
P-6-3	<u>W. Yunyun</u> , H. Changsong, S. Yanchao, Z. Qingzhao, L. Dexing, S. Bing, C. Hongxing Radon concentrations in drinking water in 31 Chinese cities
P-6-4	<u>Z. S. Žunić</u> , R. Mishra, I. Čeliković, Z. Stojanovska, I. V. Armoshenko, G. Malinovski, N. Veselinović, L. Gulan, Č. Zoran, J. Vaupotič, P. Ujic, P. Kolarž, G. Milić, T. Kovac, B. K. Sapra, S. K. Sahoo Effective doses estimated from the results of direct radon and thoron progeny sensors (drps/dtps), exposed in some regions of Balkans
P-6-5	<u>C. Nyambura</u> , S. Tokonami, N. Hashim, M. Chege Annual effective dose assessment due to radon, thoron and thoron progeny in dwellings of Kilimambogo, Kenya
P-6-6	<u>M. Furukawa</u> , Y. Omori, R. Shingaki, N. Masuda, M. Obata, Y. Tamakuma, T. Suzuki, S. Nakasone, A. Ishimine, M. Hosoda, N. Akata, S. Tokonami High indoor radon concentration observed in Yomitani-son, Okinawa Prefecture, southwestern part of Japan
P-6-8	<u>W. Zhuo</u> , B. Chen, L. He, W. Zhang An experimental platform for testing radon mitigation effects with different measures
P-6-9	<u>B. Feng</u> , B. Chen, Q. Tang, W. Zhuo, S. Qiu Measurement of radon progeny concentration by using liquid scintillation counting method

- P-6-10 B. Chen, D. Fan, W. Zhuo
Influence of static electricity on measurement using passive radon monitor
- P-6-11 Y. Mao, Y. Wang, L. Zhang, Q. Guo
A humidity control technique based on nafion membrane and its application on the evaluation of humidity response for radon monitor
- P-6-12 L. Zhang, Y. Wang, Q. Guo, X. Ma, S. Wang
New development of radon progeny measurement method based on alpha-beta spectrometry
- P-6-13 L. Zhang, Y. Wang, Q. Guo, Y. Mao, X. Ma
Improvement of atmospheric radon concentration measurement system based on Si-PIN detector
- P-6-14 A. Sorimachi, S. Tokonami, Y. Omori, M. Janik, K. Iwaoka, T. Ishikawa, Q. Sun
Characteristics of indoor radon and thoron in cave dwellings in Gansu Province, China
- P-6-15 T. Kandari, M. Prasad, P. Pant, P. Semwal, A. A. Bourai, R. C. Ramola
Variation of soil-gas radon concentration, exhalation rate and natural radionuclides along MBT region of Garhwal Himalaya, India
- P-6-17 E. D. Nugraha, Wahyudi, Kusdiana, D. Iskandar
Radon concentrations in dwelling of South Kalimantan, Indonesia
- P-6-19 A. Csordás, R. Katona, E. Tóth-Bodrogi, G. Bátor, T. Kovács
Radon measurements in the water and air of a planned thermal bath complex in China
- P-6-20 M. Sohrabi, F. Ebrahiminezhad
Effects of activated-carbon-fabric parameters on response of a new prototype polycarbonate-based individual and environmental radon monitor
- P-6-21 T. Sanada, N. Akata, T. Suzuki, Y. Tamakuma, M. Hosoda, Y. Shiroma, S. Tokonami, K. Iwaoka
Measurement of radon-222 concentration in groundwater from the Ra spa in Hokkaido using liquid scintillation counter, Japan
- P-6-22 A. Csordas, D. Kikaj, N. Kavasi, J. Vaupotič, I. Kobal, T. Kovacs
Radon progeny measurement and dose estimation in Hungarian workplaces
- P-6-23 S. B. Torres, K. Z. Szabó, T. Kovács, C. Szabó
Evaluation of theoretical, empirical models for soil gas radon concentration and permeability estimation, based on the geochemical and physical properties of soil in a granitic area, Hungary
- P-6-24 D. Kikaj, J. Vaupotič
Role of meteorology and lithology in temporal variation of outdoor radon level
- P-6-25 M. Prasad, P. Bossew, G. A. Kumar, R. C. Ramola
Geographical trend and influencing factors of indoor radon concentrations in Himalayan regions of Uttarakhand State, India

Radiobiological Effects, Epidemiology & Health Impacts	
P-7-1	<u>Y. Sato</u> , H. Yoshino, Y. Kazama, I. Kashiwakura Ionizing radiation enhances double-Stranded RNA-induced apoptosis in human lung epithelial cells through Caspase-8 activation
P-7-3	<u>M. Yamaguchi</u> , T. Tsujiguchi, I. Kashiwakura The relationship between the mitigative effects of romiplostim on the survival of mice exposed to lethal ionizing radiation and the serum miRNA expression
P-7-4	<u>J. Chen</u> , L. Xie Domestic radon exposure and childhood leukemia: A population-based study in Canada
P-7-5	<u>R. Saga</u> , Y. Matsuya, R. Takahashi, K. Hasegawa, H. Date, Y. Hosokawa Fundamental study for radioresistance prediction in prostate cancer using stochastic model
P-7-6	<u>Y. Sakamoto</u> , T. Tsujiguchi, K. Ito, K. Yamanouchi Determining gut bacterial metabolites in radiation exposed mice
P-7-7	<u>M. Syaifudin</u> , D. Ramadhani, S. Nurhayati, S. Purnami, M. Lubis, Suryadi Extremely low frequencies of nucleoplasmic bridge and nuclear bud as surrogate of cytogenetic radiation effects found in residents of high natural radiation area of Mamuju
P-7-8	<u>K. Waga</u> , M. Yamaguchi, S. Miura, T. Nishida, A. Itai, R. Nakanishi, I. Kashiwakura The IκB kinase β inhibitor, IMD-0354, attenuated the radiation-induced individual death in mice exposed to lethal ionizing radiation
Risk Assessment From Low Dose/Rate Chronic Exposures	
P-8-1	<u>M. U. Khandaker</u> , N. K. Zainuddin Radiation dose to Malaysian populace via the consumption of coffee
Nuclear Power Plant Accidents & Risk Communication	
P-9-1	<u>K. Inoue</u> , M. Arai, H. Tsuruoka, K. Saito, M. Fujisawa, V. Nimelan, M. Fukushi Changes of absorbed dose rate in air in Kanto district after the Fukushima Daiichi Nuclear Power Plant accident
P-9-2	<u>K. Yamanouchi</u> , Y. Sakamoto, T. Tsujiguchi, Y. Shiroma, T. Suzuki, Y. Tamakuma, M. Yamaguchi, M. Hegedűs, K. Iwaoka, M. Hosoda, I. Kashiwakura, S. Tokonami Analysis of archaeobacterium/bacterium 16S rDNA amplicon sequence in river volumetric soil of Fukushima Prefecture
P-9-3	<u>Y. Omori</u> , S. Inoue, T. Otsuka, Y. Nagamatsu, A. Sorimachi, T. Ishikawa Reduction of ambient gamma dose rate from radiocesium due to snow cover
P-9-5	<u>T. Tsujiguchi</u> , Y. Shiroma, T. Suzuki, Y. Tamakuma, M. Yamaguchi, K. Iwaoka, M. Hosoda, S. Tokonami, I. Kashiwakura Investigation of external dose for exceptional stay of the residents in Namie Town, Fukushima Prefecture

P-9-6	H. Tsuruoka, K. Inoue, H. Shimizu, M. Fujisawa, H. Nozawa, M. Fukushi Dynamic survey of radioactive cesium concentration in cedar pollen in Tokyo since 2011
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