

ISSUES IN RADIATION BIOLOGY AND RADIOLOGICAL PROTECTION

STOCKHOLM - HIROSAKI
COLLABORATION
SEMINAR ON
RADIATION
BIOLOGY
2018

04, DEC., 2018

GRADUATE LECTURE ROOM-1

HIROSAKI UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES

Time	Program
15:00	Chromatin and radiation sensitivity <u>Lovisa Lundholm</u> , Andrzej Wojcik (Stockholm Univ.)
15:20	Characteristics of bone marrow subpopulation in a mouse model under high dose rate ionizing radiation exposure <u>Yuki Morino</u> ¹ , Satoru Monzen ¹ , Mitsuru Chiba ¹ , Yasushi Mariya ² (1Grad. Sch. Health Sci. Hirosaki Univ., 2Mutsu general Hosp.)
15:40	Impact of low dose rate exposure on VH10 cells <u>Pamela Akuwudike</u> , Lovisa Lundholm, Andrzej Wojcik (Stockholm Univ.)
16:00	Effect of metabolic syndrome on cytogenetic biodosimetry <u>Kaito Yanagidate</u> ¹ , Tomisato Miura ^{1,2} , Masayoshi Shibata ³ , Daisuke Hotta ³ , Hiroyuki Tsukui ³ , Akifumi Nakata ⁴ , Saki Mikami ¹ , Kyo Ito ¹ , Valerie Goh Swee Ting ¹ , Yohei Fujishima ¹ , Kosuke Kasai ¹ , Kentaro Ariyoshi ² , Mitsuaki Yoshida ² (1Grad. Sch. Health Sci. Hirosaki Univ., 2Inst. Radiat. Emerg. Med. Hirosaki Univ., 3Hokkaido Cardiovascular Hospital, 4Dept. Pharmacy, Hokkaido University of Sci.)
16:20	The problem of the dose and dose rate effectiveness factor (DDREF) <u>Milagrosa Lopez Riego</u> , Lovisa Lundholm, Andrzej Wojcik (Stockholm Univ.)
16:40	Estimation of dose-response curve in cancer cells including radioresistant cells <u>Ryo Saga</u> ¹ , Yusuke Matsuya ^{2,3} , Rei Takahashi ¹ , Kazuki Hasegawa ¹ , Hiroyuki Date ² , Kazuhiko Okumura ⁴ , Yoichiro Hosokawa ¹ (1Grad. Sch. Health Sci., Hirosaki Univ., 2Grad. Sch. Health Sci. Hokkaido Univ., 3Jap. Atom. Ener. Age. (JAEA), 4Dep. Oral. Maxillo. Sur., Sch. Dent., Health Sci. Univ. Hokkaido)
17:00	Comments and conclusions

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