

Wednesday, 30-11-2022

15:10 - 16:10

E-Poster Station 2

FLASH Mechanisms: In Vitro and In Vivo - (E-Poster Presentations)

- 15:10 - 15:15 **EPP013 - SYSTEMATIC PROTON FLASH EXPERIMENTS WITH ZEBRAFISH EMBRYO**
Elke Beyreuther, (Germany)
- 15:15 - 15:20 **EPP014 - INVESTIGATION OF ULTRA-HIGH DOSE RATE RADIOBIOLOGICAL EFFECTS WITH LASER-DRIVEN VERY HIGH ENERGY ELECTRONS THROUGH MICRONUCLEI ASSAY.**
Damiano Del Sarto, (Italy)
- 15:20 - 15:25 **EPP015 - IN-VITRO FLASH STUDY OF SPHEROIDS IRRADIATED WITH PROTON BEAM AT ULTRA-HIGH DOSE RATE (1000 GY/S)**
Andrea Scarmelotto, (Belgium)
- 15:25 - 15:30 **EPP016 - IMMUNOMODULATION BY FLASH VS CONVENTIONAL DOSE RATE PROTON RADIATION IN LUNG AND HEAD AND NECK CANCER CELLS**
Elham Santina, (United Kingdom)
- 15:30 - 15:35 **EPP017 - REDUCED TOXICITY OF ALPHA PARTICLES AT ULTRA-HIGH DOSE RATE IN ZEBRAFISH EMBRYOS**
Vincent Potiron, (France)
- 15:35 - 15:40 **EPP018 - ELUCIDATING THE MECHANISTIC BASIS OF THE FLASH EFFECT IN THE HYPOFRACTIONATED JUVENILE MOUSE BRAIN**
Barrett Allen, (United States of America)
- 15:40 - 15:45 **EPP020 - REDUCTION OF RADIOTOXICITY BY ULTRA-HIGH DOSE RATE PROTON THERAPY**
Gaëlle Saade, (France)
- 15:45 - 15:50 **EPP021 - FLASH PROTON IRRADIATION REDUCES RADIATION INDUCED HEAD AND NECK TISSUE TOXICITY IN MICE**
Priyanka Chowdhury, (United States of America)



15:50 - 15:55 **EPP022 - ASIDNA PROTECTS THE NORMAL TISSUE AGAINST CHEMO- AND RADIO-INDUCED TOXICITY.**

Anouk Sesink, (France)