Radiation Effect on CNS During Infancy: Underlying Mechanisms and Implications on Quality of Life in Adult and Aging

Monday 26th August 2019

ICRR2019 Manchester UK

Agenda

14:00 Welcome address
Rafi Benotmane | SCK•CEN, Belgium

14:05 Late effects of prenatal and postnatal exposure to radiation.
Rafi Benotmane | SCK•CEN, Belgium

Florent De Vathaire | IGR, France

14:50 The neurodevelopmental effects of low dose ionizing radiation exposure: a summary of current epidemiological evidence
Lisa Pasquale | ISGlobal, Spain

14:55 TBD
Jaques Grill | IGR, France

15:40 Radiation interacts with xenobiotics to exacerbate developmental neurotoxicity.
Sonja Buratovic | UU, Sweden

16:05 Postnatal irradiation impacts hippocampal development and hippocampal-dependent behavior.
Kerry O'Banion | CUNY, USA

16:30 Break

17:00 Long-term effects of low doses of ionizing radiation in hippocampus: biological mechanisms of accelerated ageing and interaction with other stressors.
Soile Tapio | HMGU, Germany

17:25 Short and long term consequences of ionizing radiation on the postnatal mouse brain.
François Boussin | CEA, France

17:50 Effects of irradiation on hippocampal neurogenesis and neuroinflammation.
Simonetta Pazaglia | ENEA, Italy

18:15 General conclusions

18:30 End of meeting