

Programme EU Scientific Seminar 2020

“Radiosensitivity” of children

Health issues after radiation exposure at young age

1 December 2020

(13:00 - 17:30 CET)

By WebEx

Chairperson: *Patrick Smeesters*

Rapporteur: *Laurence Lebaron-Jacobs*

13:00 – 13:10	Opening address <i>Michael Hübel</i> , Head of Unit Radiation Protection and nuclear safety, DG ENER
13:10 – 13:20	Objectives of the seminar and introduction to the topic <i>Patrick Smeesters</i> , former chair of the Article 31 WP RIHSS
13:20 – 14:00	Individual Response to Ionising Radiation – Radiosensitivity of Children <i>Andrzej Wojcik</i>
14:00 – 14:40	Cancer risks after radiation exposure of children – overview of epidemiological studies (short-term and long-term exposures) <i>Richard Wakeford</i>
14:40 – 15:20	Neurocognitive effects after radiation exposure of children <i>Simonetta Pazzaglia</i>
15:20 – 15:40	Coffee Break
15:40 – 16:20	Dosimetry and dosimetric challenges in paediatric radiology and radiotherapy <i>George Kagadis</i>
16:20– 17:20	Round table discussion: Policy implications and research needs <ul style="list-style-type: none">– Cumulative doses in medicine – risks for children, <i>Maria Del Rosario Perez</i>– Dosimetry challenges of radiation dose estimation – unwanted doses, <i>Roger Harrison</i>– Combined effects of ionising radiation and other environmental/chemical factors as a function of age, <i>Per Eriksson</i> <i>Moderator: Patrick Smeesters</i> <i>Round table: Speakers</i>

17:20 – 17:30	Concluding remarks and closing of the EU Scientific Seminar 2020 <i>Chairperson</i>
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