ALLIANCE Webinar:
Assessing impact of production, use and disposal of radiopharmaceuticals on members of public and the environment
2\textsuperscript{nd} June 2022 – 9:30-16:30 (Munich time) online

AGENDA

9:30 – 9:45 Welcome and Introduction on behalf of ALLIANCE. Laura Urso (Bfs, Germany)

Session 1: Overview of the use of medical radionuclides in Europe and future perspective.

09:45 – 10:15 Sustainable and Resilient supply of Medical Radioisotopes in the EU: current and future use, trends and challenges. Chiel Scholten (Technopolis Group, Netherlands).

10:15 – 10:30 Questions and discussion on Session 1.

Session 2: Regulatory framework and national approaches

10:30 – 11:00 Nuclear Medicine in Finland – Regulatory Control and Current Challenges. Sampsa Kaijaluoto (STUK, Finland).

11:00 – 11:20 Regulatory challenges in the monitoring of medical radioactive effluents. Geert Biermans (FANC, Belgium).

11:20 – 11:25 Short break

11:25 – 11:55 Regulatory Control and Current Challenges of use of medical radioisotopes in Italy. Cinzia Pettinato (Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico, Italy).

11:55 – 12:10 Questions and Discussion on Session 2.

12:10 – 12:40 LUNCH BREAK
Session 3: Radionuclides production, radiopharmaceuticals manufacturing, medical application, environmental fate including clearance or final disposal of related nuclear waste.


13:40 – 14:10  Significant I-131 releases from the radiopharmaceutical industry under normal operating and incident conditions. Olivier Masson (IRSN, France).

14:10 – 14:50  Assessment of the radiological impact on the public of radionuclide discharges in sewage systems. Eric Blanchardon (IRSN, France).

14:50 – 15:00  Short break

15:00 – 15:30  Waste management at the fission Mo-99 processors, with a drive to limit the environmental impact. Veerle Van de Steen (IRE, Belgium).

15:30 – 15:45  Questions and discussion on Session 3.

Session 4: Identifying data gaps for exposure assessments

15:45 – 16:15  Identification of data gaps for medical RNs for the calculation of doses to human and non-human biota. Jordi Vives i Batlle (SCK CEN, Belgium).

16:15 – 16:30  Conclusive remarks