

MELODI Strategic Research Agenda Working Group

Meeting Summary – 31 January 2019

The MELODI SRA Working Group met on 31 January 2019 in London. At the meeting the WG agreed to produce meeting summaries to be posted on the MELODI website, this is the first such summary.

1. *MELODI structure*: the WG noted the changes to MELODI statutes that should not affect the operation of the WG. WG members would seek ways to increase the impact of the SRA on the EC in its calls through dialogue, and seek ways to improve the flow of information between the EC and the wider MELODI membership
2. *MELODI workshops*: The success of the 2018 workshop on Individual radiosensitivity was noted and summary papers anticipated (see below).
The 2019 Workshop on Non-Cancer Diseases is at advanced stages of planning by Elisabeth Cardis & Jean-Rene Jourdain and will be held in Sitges, Spain 10-12 April 2019. Participation is limited to 50 but video link can be provided. Topics will include vascular diseases, cataract and cognitive disorders with considerations from epidemiological, experimental and clinical perspectives
The 2020 Workshop will be on Inhomogeneous radiation exposures and associated risks. Balázs Madas will be lead organiser and the location is likely Hungary. Potential topics include, hot particles, secondary cancers after radiotherapy, radon and modelling
The proposal for 2021 is Integration of Mechanistic understanding into Risk Assessment. IRSN have offered to organise.
Proposals for future workshops were: Space/cosmic radiation risks (2022, SEK.CEN/GSI), Radiation quality (2023, UniPv), A Specific non-cancer disease(s) (2024).
The summary papers anticipated to be published in the open literature from the 2018 workshop and expected from all future workshops will provide useful input for SRA development/revision
3. *MELODI sessions at ERPW2019*: The organisers had request suggestions for 2 – 3 sessions dedicated to MELODI. The following were agreed: (i) Summary of NCD workshop – perhaps in Plenary, (ii) MELODI 10 years on – what has been achieved and what next? (iii) What more can be expected from epidemiology and what can radiobiology offer for quantitative risk assessment?
4. *FP9 Vision paper*: The suggestions from MELODI Executive were agreed, additional text on cross platform working and the value of smaller science-led projects was agreed to be added
5. *SRA WG area on MELODI website*: requires full development to include membership, terms of reference, meeting summaries and relevant documents
6. *SRA revision*: The WG agreed to undertake a substantial revision of the SRA with a view to launch in October 2020. Current areas and approaches are considered fit for purpose but specific topics require revision in the light of progress, funded projects and Workshop outcomes. A plan was agreed with tasks allocated to individual WG members.