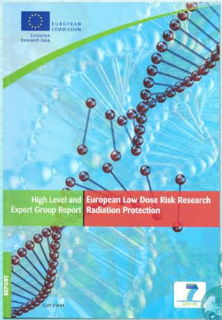


MELODI

Multidisciplinary European
Low Dose Initiative

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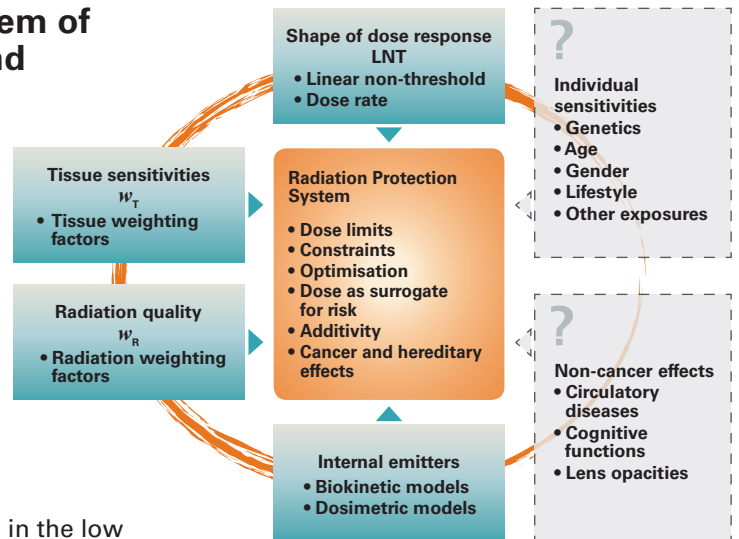


There are a number of open scientific questions which should be resolved in order to consolidate the European radiation protection framework in the area of low dose exposure to ionising radiation. Research on low dose risk requires multidisciplinary approaches and long-term commitment. Several scientific and regulatory bodies set up the MELODI platform in 2010 to address societal and pub-

lic concerns related to the radiation exposure. The research platform is open to any organisation that shares the mission of developing and updating a joint research agenda in low dose risk. MELODI is willing to play a key role in coordinating present and future research in Europe, contributing to the training and education and engaging with international partners such as WHO, IAEA, USA and Japan.

How robust is the system of radiation protection and risk assessment?

The current system of radiation protection makes judgements in several important areas: the four blue boxes indicate judgements that fall directly within the system of protection against the low dose radiation effects as recommended by ICRP, whereas the boxes on the right identify issues that are, at present, included only to a minor degree.



Aim of MELODI

- Identifying research priorities in the low dose research
- Establishing and updating a Strategic Research Agenda (SRA) addressing low dose risk
- Sustaining education & training activities, maintaining infrastructures and disseminating results
- Promoting interdisciplinary collaboration
- Promoting regular interactions between the scientific community, international radiation protection bodies and stakeholders

MELODI founding members

Belgian Nuclear Research Centre (SCK-CEN), Belgium

Centre for Radiation Protection Research, Stockholm University (SU), Sweden

Federal Office for Radiation Protection (BfS), Germany

French Atomic Energy and Alternative Energies Commission (CEA), France

Health Protection Agency (HPA), United Kingdom

Helmholtz Zentrum München (HMGU), Germany

IRSN, French Institute for Radiological Protection and Nuclear Safety, France

Italian National Institute of Health (ISS), Italy

Madrid Autonomous University (UAM), Spain

National Institute for Nuclear, Chemical and Biological Protection (SUJCHBO), Czech Republic

National Institute for Public Health and the Environment (RIVM), Netherlands

Network of Competence in Radiation Research (KVFS), Germany

Nuclear and Technological Institute (ITN), Portugal

STUK - Radiation and Nuclear Safety Authority, Finland

Universitat Rovira I Virgili
- Public University of Tarragona (TEXNIO), Spain

