



Jacques Repussard, MELODI Chair, explained that due to the decision taken by the CONCERT Board to allocate 80% of the Call 2 funds to the health general topic, MELODI has to reconsider its proposal for this call. Initially focussing on the issue of cancer susceptibility, different options are being presently considered. As shown in the slide shown in the meeting, health effects following exposure to ionising radiation include cancers in a variety of tissues and organs. In order to consolidate further the radiation protection system, it is necessary to fully understand and model the biological mechanism and genetic/epigenetic factors which modulate this risk at low dose /low dose rate exposures, and to identify suitable individual bio-markers that can be utilised to complement where appropriate the population related risk factors which are currently used for radiation protection purposes. This is a long term goal, which can however be achieved through a succession of steps which can be implemented into the radiation protection system when research results are appropriately validated. Call 2 of CONCERT provides an opportunity to explore some of these steps.