

Comments on HLEG Draft Report

I appreciate the efforts of EC to promote experimental researches on low level radiation. To evaluate small effects of low level ionizing radiation, more statistical approaches of large amount of data set would be needed. So-called "systems biology" would be more important in this context and the review of past data would be useful. But the basis is precise data. To obtain so large amount of data without being annoyed with artificial deviations, EC's BIG(Bs) approach of international collaboration should be effective when it works well.

Issues listed in the draft report cover well the problems internationally recognized and they themselves could be the good guides for persons concerned. It would become more useful when sub-issues indicated more clearly. For example in the issue of shape of dose-response, the problem of dose-rate should be more emphasized.

I suppose it could be helpful for the international collaboration that there were descriptions about what kind of the facilities or devices would be needed for the next approach. I think that recall of the Rn facility that used to be in France could facilitate the research of internal exposure and radiation quality and some low dose rate facilities for animals around the world such as Chalk River or IES, which we CRIEPI also have as a Long-Term Low Dose Rate Irradiation Facility of around 1 mGy/hr for clean conventional animals, will provide more information to solve the problem of DDREF, especially where there could be some standardized guidelines to make it possible to unify and do meta-analysis of the data from facilities in the world.

Finally I appreciate the EC-activities again and I hope the scope would be open for the countries out of EC.

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