Munich, 10.12.2012

Assessment of near future laboratory capacities

1. Current status

Biodosimetric methods used in your lab

dicentric assay FISH assay micronucleus assay PCC assay

Gamma-H2AX EPR/OSL assay

For what radiation qualities is your lab calibrated?

Do you use automated systems (e.g. foci counting, metaphase finder)?

Statistical methods used in dose estimation?

Which quality assurance and quality control procedures do you have?

Lab infrastructure

Number of staff members:

Processing capacity of samples/week:

dicentric assay FISH assay micronucleus assay PCC assay

Gamma-H2AX EPR/OSL assay

Availability of assay capacity (days to result):

Availability of consumables (assays per week)

2. Future planning (next 4 years)

Biodosimetric methods

Do you plan to implement further already in RENEB established assays

Do you plan to cancel assays

Do you plan to test new methods (not included in RENEB) for biodosimetry

Do you plan major changes in established assays (e.g. new automated systems, statistical methods)

What is the expected number of samples which you will be able to handle in an emergency situation?

Lab infrastructure

Expected number of staff members:

Expected availability of assay capacity (days to result):

Expected availability of consumables (assays per week):

Expected training capacities:

Do you have further comments about the development of your group in biodosimetry?

(e.g. according to restructuring, leadership, reorientation or funding)