

Laboratory notebooks : an example of good practice in the field of biosecurity

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Laboratory notebooks : a good practice of traceability in research activities

A customary tool for scientists

- A basic research tool for scientists used for more than 1 century...(PASTEUR, LAVOISIER, Marie CURIE, etc.)
- A complete record of what is done in the laboratory.
- A guarantee of research results traceability
- A professionalisation of research practices .

2/10



An important piece of quality assurance and quality management devices

- Information and data management is an important area for GLP/OECD Guidelines and international standards such as ISO 17025 and ISO 9001
- Laboratories have to constantly maintain their documentation up to date and assure the traceability of their activity.

3/10

A good practice in the field of biosecurity

Traceability through laboratory notebooks good practice could be a useful contribution in the field of biosecurity.

Must be reported for example:

- References of biological resources such as origin, quality, conditions of conservation, quantity used for experiments, stock state, etc.
- Name and sign of any people involved in laboratory work, date of entrance and leaving
- The title and date of experiments/program/contract, specific descriptions of each stage of experiment as carried out, experimental design and calculations, operating methods and any variation, references to any relevant attached documents which cannot be included in the notebook (electronic records of data)

4/10




A standardised notebook and a generalised practice in France

The first laboratory notebooks were used by some research institute for 10 years (PASTEUR, INRA, INSERM)

For 2 years the Ministry of Research provides a standardised notebook to any research organisation (private or public)

The practice is now generalised in France in research institutes as well as in universities

5/10



Laboratory notebooks : a good practice which could be brought into general use

A good practice which allows to enhance the traceability level in sensible fields

A good practice that all organisms and States could encourage.