PUBLIC

- Project managers, engineers, senior technicians, technicians in the food, pharmaceutical, cosmetic and packaging industries.
- Depending on how the public is made up, the training can be concentrated more scientifically on a particular aspect of the evaluation of the toxicological risk.

AIMS

- To understand the various aspects of the problem of toxicological safety of products.
- To have a technical and regulatory referential that provides an understanding of the methodological choices in the approach.
- To be able to understand the development and conclusions of a toxicological study report on the product.

PROGRAMME

Origin and definitions

General toxicological

- Origin of toxins and action sites
- Topical action mechanisms
- Systemic action mechanisms
- Main categories of toxic effects

Toxicokinetics

- Dose-effect relation and bioavailability
- Variation factors
- Toxic parameters linked to the agent
- Toxic parameters linked to conditions of use
- Ways of metabolising toxins

Biological risk

- Risk linked to live germs
- Risk linked to endotoxins and exotoxins

Chemical risk

- Toxicological data files
- Exposure evaluation parameters
- Behaviour of toxins within the environment
- Toxicological reference values

Radiotoxicity

Genotoxicity and foetotoxicity

Ecotoxicity

Biocompatibility and interactions between container and content

Method of evaluating toxicological risk

- Regulatory sources and specialist commissions
- Regulatory context specific to products
- Risk analysis
- Regulatory referential for toxicity evaluation methods
- Limits of methods and new approaches

DURATION
2 days

TIMES
9:00 – 17:30

COST PER TRAINEE
1600 €

Request for information

TEACHING RESOURCES

- The training combines theoretical explanations and practical discussions
- Expositions are based on the experiences of those involved
- A document listing all the training supports is provided