

# Objectives and outline of the workshop - 2021

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## Objectives

23. The application of alternative strategies to health risk assessment in a regulatory context requires effective collaborations between scientists including chemists, toxicologists, informaticians, computational biologists, risk assessors, and policy makers. As such, this workshop drew upon speakers and delegates (~80) with varied backgrounds including academia, industry, and regulatory agencies whose collective experience is diverse and multi-disciplinary.

24. This workshop on PBPK modelling techniques thus provides a platform from which to address the following objectives:

- To gain a better understanding of what PBPK models are and their application to risk assessment in regulatory fields.
- Advantages and limitations of PBPK modelling.
- What must be achieved to overcome limitations for integration into current health risk assessment practices.
- An interactive session involving a model run-through.
- Any lessons learnt from authoritative bodies or industry.

## **Outline of the workshop**

25. Overall, there were seven presentations that explored the current applications and regulatory guidance of PBPK modelling. The workshop was divided into three sessions (introduction and its applications, PBPK model run-through, and PBPK in a regulatory context), two panel discussions and an open discussion regarding future research needs (See this web page: [Handbook Cover Page - 2021 Workshop | Committee on Toxicity \(food.gov.uk\)](#) for the Handbook).