

Lessons learnt from case studies

In this guide

[In this guide](#)

1. [Summary of read-across case studies selected by EFSA](#)
2. [Lessons learnt from case studies](#)

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20. These case studies illustrate diverse approaches to Steps 3 and 4 of the read-across framework.

21. Case studies 1 and 2 primarily applied cheminformatics methods, leveraging the fact that their general MoAs are known. In contrast, case studies 4 to 6 addressed more specific MoAs and therefore focused on AOP communality between target and source substances. This communality was supported by various NAMs. Additionally, the OECD IATA case studies included a standardised uncertainty table. Case study 3 explored multiple combinations of chemical similarity, biological NAMs, and physiologically based kinetic modelling to support the read-across.

22. EFSA concluded that the selection of case studies demonstrates how read-across strategies can be tailored to address specific scientific questions. The importance of systematically analysing uncertainty was emphasised.

Secretariat

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