

Recommendations

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- 1.** Novel formulations and their associated active agents should be assessed for their toxicokinetics on a case-by-case basis.
- 2.** The model systems used to assess alterations in toxicokinetics should consider species differences with respect to metabolism.
- 3.** The effect of the feeding state (fed vs. fasted) is a key determinant of bioavailability and must be critically considered when comparing across different formulations.
- 4.** The suitability of acceptable daily intakes (ADIs) and other health-based guidance values (HBGVs) for an unformulated supplement for characterising the risk from that supplement formulated to increase its bioavailability should always be considered.
- 5.** There are a number of approaches that can be used to consider how HBGVs relate to differences in bioavailability, and these should be assessed and utilised on a case-by-case basis.