

## *Supplementary Materials for*

# Advancing pesticide risk assessment: the role of adverse outcome pathways and new approach methodologies – what's next?

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**Table S1.** Research queries for the extensive literature search.

**Table S2.** Extensive literature search (ELS) inclusion and exclusion criteria.

**Table S1**  
Research queries for the extensive literature search

Information source	Search string	Records
WoS	((ALL=(Adverse outcome pathway))) OR ALL=(AOP)) AND ALL=(EFSA) (((ALL=(Adverse outcome pathway))) OR ALL=(AOP)) AND ALL=(Food Safety)	46+266
PubMed	((Adverse outcome pathway) OR (AOP)) AND (EFSA) ((Adverse outcome pathway) OR (AOP)) AND (Food Safety)	21+97
EFSA	(Adverse outcome pathway) OR (AOP); Filter: scientific output	18

WoS: Web of Science; EFSA: European Food Safety Authority.

**Table S2**  
Extensive literature search (ELS) inclusion and exclusion criteria

Criterion	Decision	
	Inclusion	Exclusion
Default keywords exist as a whole or at least in the title, keywords, or abstract of the article	×	
The article is published in a peer-review scientific journal	×	
The article is written in English	×	
Project related to and/or with EFSA partnership	×	
Project related to pesticide assessment/data requirements	×	
External scientific reports from members of the EFSA working groups	×	
Preparatory work commissioned by the EFSA	×	
Duplicate records		×
The full text is not available		×
Articles published before 2012		×
Risk assessment report/study		×
The framework of AOP is not used in the study		×

EFSA: European Food Safety Authority; AOP: adverse outcome pathway.