

ADVERSE OUTCOME PATHWAYS: KEY PUBLICATIONS

Adeleye, Y. et al., (2014), Implementing Toxicity Testing in the 21st Century (TT21C): Making safety decisions using toxicity pathways, and progress in a prototype risk assessment. *Toxicology*. Available online 25 February 2014. doi: 10.1016/j.tox.2014.02.007.

Ankley, G. T. et al., (2010), Adverse outcome pathways: A conceptual framework to support ecotoxicology research and risk assessment. *Environmental Toxicology and Chemistry*, 29: 730–741. doi: 10.1002/etc.34.

Pirone J. R. Et al., (2014), Open source software implementation of an integrated testing strategy for skin sensitization potency based on a Bayesian network. *ALTEX*. 31(3):336-40. doi: <http://dx.doi.org/10.14573/altex.1310151>. Epub 2014 Mar 31.

Knudsen TB and Kleinstreuer NC. (2011), Disruption of embryonic vascular development in predictive toxicology. *Birth Defects Res C Embryo Today*, 93(4):312-23. doi: 10.1002/bdrc.20223. Review.

Meek, M. E. et al., (2014), New developments in the evolution and application of the WHO/IPCS framework on mode of action/species concordance analysis. *J. Appl. Toxicol.*, 34: 1–18. doi: 10.1002/jat.2949.

OECD, (2012), Series on Testing and Assessment No. 168: The Adverse Outcome Pathway for Skin Sensitisation Initiated by Covalent Binding to Proteins, Part 1. Available at: [http://search.oecd.org/officialdocuments/displaydocumentpdf/?cote=env/jm/mono\(2012\)10/part1&doclanguage=en](http://search.oecd.org/officialdocuments/displaydocumentpdf/?cote=env/jm/mono(2012)10/part1&doclanguage=en).

Villeneuve, D. et al., (2014), Investigating Alternatives to the fish early-life stage test: A strategy for discovering and annotating adverse outcome pathways for early fish development. *Environmental Toxicology and Chemistry*, 33: 158–169. doi: 10.1002/etc.2403.

Willett, C. et al., (2014), Pathway-based toxicity: history, current approaches and liver fibrosis and steatosis as prototypes. *ALTEX*. 2014 Jun 23. doi: <http://dx.doi.org/10.14573/altex.1401283>. [Epub ahead of print.

Willett, C. et al., (2014), Workshop Report: Building Shared Experience to Advance Practical Application of Pathway-Based Toxicology: Liver Toxicity Mode-of-Action. *ALTEX* Available online 17 February 2014. doi: 10.14573/altex.1401281.

RELEVANT WORLD CONGRESS SESSIONS

Session II-1a, b, and c: Session II-1a: Pathways approaches in toxicology [Mon 15:15-17:15, Tues 13:30-15:00, and Wed 13:30-15:00]

Session II-5: Discussion session: Application in decision making and testing strategies [Tues 15:15-17:15]

Session V-1: Pathways based assays in drug development [Mon 13:30-15:00]

Session VI-3: Human biomarkers [Tues 13:30-15:00]

Session IX-4: Novel approaches to validation [Mon 10:15-12:15]

Session IX-7: Harmonising ways to capture pathway-knowledge in toxicology [Wed 10:00-12:00]

ADVERSE OUTCOME PATHWAYS- RELATED WEB SITES:

OECD

<http://www.oecd.org/chemicalsafety/testing/adverse-outcome-pathways-molecular-screening-and-toxicogenomics.htm>

<http://www.oecd.org/env/ehs/testing/listsofprojectsontheaopdevelopmentprogrammeworkplan.htm>

[http://search.oecd.org/officialdocuments/displaydocumentpdf/?cote=env/jm/mono\(2013\)6&doclanguage=en](http://search.oecd.org/officialdocuments/displaydocumentpdf/?cote=env/jm/mono(2013)6&doclanguage=en)

<http://www.oecd.org/chemicalsafety/testing/toxicogenomics.htm#Introduction>

AOPWIKI

<http://aopwiki.org>

http://www.epa.gov/ncct/download_files/chemical_prioritization/AOPWikiTutorial%20v2.pdf

EFFECTOPEDIA

<http://sourceforge.net/projects/effectopedia/>

US EPA

<http://www.epa.gov/ord/priorities/docs/aop-wiki.pdf>

<http://www.epa.gov/research/chemicalscience/>

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