New Approach Methodologies in Ecotoxicology Bibliography

Compiled by: USDA, NAL, Animal Welfare Information Center

Description: This bibliography provides citations regarding new approach methodologies (NAMs) used in the field of Ecotoxicology. NAMs are non-animal technologies and approaches used for chemical hazard, exposure and risk assessment testing such as in vitro assays, computational models, cell-based models, and organs-on-chips. The bibliography covers peer-reviewed literature published between 2010 and May 2022. It was compiled by Elizabeth Tobey, a librarian with USDA National Agricultural Library’s (NAL) Animal Welfare Information Center (AWIC).

https://doi.org/10.1002/etc.5323

https://doi.org/10.1080/07391102.2020.1803135


https://doi.org/10.1002/etc.4869


Handy, R., Clark, N., Boyle, D., Vassallo, J., Green, C., Nasser, F., Botha, T., Wepener, V., van den Brink, N., & Svendsen, C. (2022). The bioaccumulation testing strategy for nanomaterials:


Norberg-King, T. J., Embry, M. R., Belanger, S. E., Braunbeck, T., Butler, J. D., Dorn, P. B., Farr, B., Guiney, P. D., Hughes, S. A., Jeffries, M., Journel, R., Léonard, M., McMaster, M., Oris, J. T.,


Preuss, T. G., Hammers-Wirtz, M., & Ratte, H. T. (2010). The potential of individual based population models to extrapolate effects measured at standardized test conditions to relevant environmental conditions—An example for 3,4-dichloroaniline on *Daphnia magna*. *Journal of Environmental Monitoring : JEM*, 12(11), 2070–2079. [https://doi.org/10.1039/c0em00096e](https://doi.org/10.1039/c0em00096e)


