

# Novel Chemoinformatics Platform ChemTunes·ToxGPS<sup>®</sup> and Its Public Version COSMOS Next Generation



[www.mn-am.com/products/chemtunes](http://www.mn-am.com/products/chemtunes)



MN-AM presents an innovative chemoinformatics approach to estimate NOAEL confidence bounds for a target based on experimental NOAEL of compounds selected based on mode-of-action categories and analog quality (structure- and property-based similarity). The new COSMOS Next Generation public data and knowledgebase system will also be presented in this session.

Participants will learn how ChemTunes·ToxGPS<sup>®</sup> supports read-across approaches using experimental and *in silico* evidence, one example being the estimation of NOAEL confidence bounds for a target from analogs evaluated based on structural, physicochemical and biological criteria. The release of COSMOS Next Generation, a public platform, will also be featured.

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**SOT 2021 Virtual Event**

**Tuesday, March 23**  
**4:00 - 5:00 pm US Eastern time**

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ChemTunes·ToxGPS<sup>®</sup> & COSMOS NG Team:

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Chihae Yang, James Rathman, Mark Cronin

Interested in MN-AM and our products?  
Visit us at booth no. 2052 at the  
SOT Annual Meeting and ToxExpo Virtual Event  
March 2021  
or online at [www.mn-am.com](http://www.mn-am.com)

