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® 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.

SOT 2021 Virtual Event
Tuesday, March 23
4:00 - 5:00 pm US Eastern time

ChemTunes·ToxGPS® & COSMOS NG Team:
Jörg Marusczyk, Aleksandra Mostrag-Szlichtyng, Christof H. Schwab, 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