



Science Highlight from the ACC LRI | January 19, 2021

ICCA-LRI Co-organizes Conference with US EPA and ASCCT



Deadline for Abstracts is January 30, 2021

[Click here to learn more](#)

- The QSAR 2021 virtual conference will be held June 7–10, 2021. The conference will include content discussing both traditional QSARs and New Approach Methodologies (NAMs), with the goal of promoting understanding and use of these transformative scientific methods in toxicology and risk assessment applications. The conference is being co-organized by the ICCA-Long-range Research Initiative (ICCA-LRI), the American Society for Cellular and Computational Toxicology (ASCCT), and the U.S. Environmental Protection Agency (US EPA).
- QSARs, read-across approaches, in vitro tests (e.g., high-throughput and high-content (HT/HC) screening methods, transcriptomics) and computational methods for data analysis and predictive modelling are being applied at an ever increasing pace in product stewardship and regulatory decision making.
- Virtual sessions will include pre-recorded presentations with live Q&A for keynote and plenary sessions, poster presentation sessions, and daily networking opportunities. These sessions will leverage interactive software tools to facilitate discussion and participation from a global audience, and to replicate in-person opportunities for participant collaboration and networking. All talks and posters will be available to attendees on demand.
- Researchers are encouraged to submit scientific abstracts in these categories:
 - ✓ Thresholds for Toxicological Concern (TTC)
 - ✓ Cheminformatic approaches to evaluate 'big data'
 - ✓ Development, evaluation, and application of QSARs to fill data gaps
 - ✓ Non-targeted screening and toxicokinetics
 - ✓ Development and application of NAMs within AOPs and IATA
 - ✓ Emerging issues such as complex substances, nano, UVCBs, or green chemistry
 - ✓ Understanding and quantifying uncertainty in model development and the underlying data
 - ✓ Biological activity profiling using high-throughput screening data and high-content data
 - ✓ Informatics and data engineering challenges for computational toxicology
- Since 2005, the ICCA-LRI (comprising the LRI programs in ACC, Cefic, and JCIA) has worked with government agencies and research institutes to co-organize annual conferences to foster knowledge transfer of cutting-edge chemical hazard and risk evaluation methods.
 - ✓ [Click here](#) to learn more about the ICCA-LRI.
 - ✓ [Click here](#) to read the 2019 ICCA-LRI / JRC workshop report *21st Century Approaches For Evaluating Exposures, Biological Activity, and Risks of Complex Substances*.

(This Science Highlight was prepared by Richard A. Becker Ph.D. DABT of the ACC LRI. The views expressed are his alone. Reference to commercial products, services, or links does not imply ACC endorsement.)