



2024

ANNUAL
REGULATORY
SCIENCE
SYMPOSIUM

INNOVATING DRUG SAFETY EVALUATION WITH ARTIFICIAL INTELLIGENCE: WHERE DOES TOXICOLOGY FIT?



Image credit: GPT-4o

2:30–2:40 p.m. Opening Remarks from the [Texas A&M Interdisciplinary Faculty of Toxicology \(IFT\)](#) | [Ivan Rusyn, MD, PhD](#) (Vice Chair)



Matthew Martin, PhD

Executive Director,
Global Head of Computational
Safety Sciences, Drug Safety
Research & Development, Pfizer

2:40–3:20 p.m.

*Toxicology and Machine
Learning are Old Friends:
They Just Don't Always Get Along!*



Weida Tong, PhD

Director, Division of Bioinformatics
& Biostatistics, National Center
for Toxicology Research,
U.S. Food & Drug Administration

3:20–4 p.m.

*GAN-gnam Style Toxicology:
AI-enabled Approach as an Alternative
to Conducting Animal Studies*



Nigel Green, PhD

Vice President
of Toxicology,
Recursion
Pharmaceuticals

4–4:40 p.m.

*AI: What is it Good For?
Absolutely...
[fill in the blank]*

4:40–5:30 p.m. *Moderated Discussion* with speakers and audience | moderated by [Weihsueh A. Chiu, PhD](#) (Texas A&M IFT)

5:30–6 p.m. *Break*

6–7 p.m. *Toxicology Trainee Poster Session* | 3rd Floor Commons | \$750 in travel funds will be awarded for the 6 best posters

Thursday, Aug. 17 | 2:30–7 p.m. (U.S. Central Time) | VENI: 107A & 3rd Floor Commons

Register to attend this FREE event online at: tx.ag/RegScience2024