

# TOXI online poster session Tuesday, August 24, 11 AM – 12:30 PM US EDT



Link:	<a href="https://gather.town/app/S9anKVWr7DGMflsh/TOXIposters">https://gather.town/app/S9anKVWr7DGMflsh/TOXIposters</a>	
PWD	toxiacs2021	
<b>No.</b>	<b>Presenter</b>	<b>Title</b>
1	Melanie Newell	Amyotrophic Lateral Sclerosis (ALS): What do we really know about the role of the environment?
2	Akiko Ohno	Docking study on the position of nitro groups affecting the mutagenicity of nitroarenes
3	Kiyoshi Fukuhara	C-Methylated fisetins with strong antioxidative activities
4	Shayantani Chakraborty	<i>Withania somnifera</i> metabolites withanone, withaferin A, and their GSH conjugates are potential irreversible inhibitors of the SARS-CoV-2 protease M <sup>pro</sup>
5	Arnold Groehler	Monitoring the formation and repair kinetics of cisplatin-induced DNA-DNA cross-links by comprehensive ultra-performance liquid chromatograph-selective ion monitoring (UPLC-SIM)
6	Anthony Su	Role of Aldo-Keto Reductases in the Nitroreduction of 1-Nitropyrene and 1,8-Dinitropyrene
7	Shaista Haider	Mechanism of DNA Damage by the Anticancer Agent Sepantronium Bromide (YM155)
8	Guilbaud Axel	DNA adducts as molecular markers of aging
9	Katherine Hurley	Biosynthesis of acrolein with a coupled enzyme system to emulate continuous acrolein production by gut microbiota
10	Cameron Bordi	Determining The Effects of Adulterants on Metabolite Found in Adderall
11	Joseph Kaszubowski	Beyond the lesion: The switch-back to high fidelity synthesis
12	Karin Grillberger	Structural modelling of MIE interactions – docking neonicotinoids into human nAChR
13	Jingshu Guo	The DNA Adductome Portal: A One-Stop Search Site for DNA Adduct Information
14	Mansi Kinare	Analysis of Interactions of Human Polymerase Kappa and DinB Polymerases with Damaged DNA
15	Caitlin Jokipii Krueger	Endogenous versus exogenous sources of monohydroxy-3-butenyl and dihydroxybutyl mercapturic acid metabolites and N7-(1-hydroxy-3-buten-2-yl) guanine DNA adducts
16	Neelam Vaidya	Toxicity focused product development offers time, effort and money savings; defines greener processes
17	Samuel Howarth	pH effects on oxidative modification of alkylative DNA adducts by the AlkB-family enzymes
18	Jan Henric Bacurio	Sequence context effects of replication of Fapy-dG in three mutational hot spot sequences of the <i>p53</i> gene in human cells
19	Jeremiah Penick	Developing a CytoViva hyperspectral imaging-based approach for studying the uptake and distribution of silver nanoparticles (AgNPs) in mitochondria and whole cells
20	Marcela Jaramillo	Assessment of Occupational Exposure of Firefighters to Mono and Polyaromatic Hydrocarbons Using Intrinsic Fluorescence
21	Eric Carlson	Characterization of phenotypic and DNA modifications of <i>Pseudomonas aeruginosa</i> wild-type and genomic variant strains
22	Taylor Dodson	Analysis of post-transcriptional modifications in tRNAs associated with hyperglycemia in diabetes-associated cells

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# Gather room layout with poster numbers

