

Background Materials

Biomonitoring California Scientific Guidance Panel Meeting

July 20, 2017

Background materials for agenda item:

Advancing and Integrating Non-Targeted Analysis Research at the US EPA. Jon Sobus, Ph.D., National Exposure Research Laboratory, US Environmental Protection Agency

McEachran AD, Sobus J, Williams AJ (2017). Identifying known unknowns using the US EPA's CompTox Chemistry Dashboard. *Anal Bioanal Chem* 409(7):1729-1735. Available as read only at: <http://rdcu.be/nTaM>.

Rager JE, Strynar MJ, Liang S, McMahan RL, Richard AM, Grulke CM, Wambaugh JF, Isaacs KK, Judson R, Williams AJ, Sobus JR (2016). Linking high resolution mass spectrometry data with exposure and toxicity forecasts to advance high-throughput environmental monitoring. *Environ Int* 88:269-280. Available at: <http://www.sciencedirect.com/science/article/pii/S0160412015301112?via%3Dihub>

Video on: The CompTox Chemistry Dashboard: Helping researchers ID unknown contaminants. Available at: https://www.youtube.com/watch?v=ObANKz_iWRI

To access other meeting materials for the Scientific Guidance Panel meeting, follow this link: <http://biomonitoring.ca.gov/events/biomonitoring-california-scientific-guidance-panel-meeting-july-2017>