

# THE H FOUNDATION BASIC SCIENCE SYMPOSIUM: Environmental Toxicants and Cancer

**THURSDAY, OCTOBER 26, 2023**

**Prentice Women's Hospital, Conference Room L | 8:30 a.m. - 3:30 p.m.**

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| 8:30 a.m.  | <b>Registration</b>   | 12:50 p.m. | <b>Environmental Exposures and Complex Mixtures: Opportunities for Cancer Control and Prevention Across the Lifespan</b><br>Elizabeth Ryan, PhD<br><i>Colorado State University</i> |
| 9:00 a.m.  | <b>Opening Remarks</b><br>Leonidas Plataniias, MD, PhD<br><i>Director, Lurie Cancer Center</i>  | 1:30 p.m.  | <b>Toxicants Impact on Genomics for GI Cancer Risk</b><br>Hemant Roy, MD<br><i>Baylor College of Medicine</i>   |
| 9:05 a.m.  | KEYNOTE LECTURE<br><b>Reprogramming of the Epigenome by Early Life Exposures: Impact Across the Lifecourse</b><br>Cheryl Walker, PhD<br><i>Baylor College of Medicine</i>                                 | 2:10 p.m.  | <b>Break</b>  |
| 9:55 a.m.  | <b>Arsenic-Stimulated Oxidant Signaling in Epigenetic Regulation of Pathogenic Tissue Remodeling and Regeneration</b><br>Aaron Barchowsky, PhD<br><i>University of Pittsburgh School of Public Health</i> | 2:25 p.m.  | <b>Chromatin Remodeling by Heavy Metal Exposures Promote Aggressive Chemoresistance Breast Cancer Cell Transformation</b><br>Marcelo Bonini, PhD<br><i>Lurie Cancer Center</i>      |
| 10:35 a.m. | <b>Break</b>  | 3:05 p.m.  | <b>Q&amp;A Panel</b>  |
| 10:50 a.m. | <b>Metals, Epigenetics, and Cancer</b><br>Max Costa, PhD<br><i>NYU Langone Health</i>   | 3:25 p.m.  | <b>Closing Remarks</b><br>Gayle Woloschak, PhD & Vadim Backman, PhD<br><i>Lurie Cancer Center</i>   |
| 11:30 a.m. | <b>Q&amp;A Panel</b>  | 3:30 p.m.  | <b>Adjourn</b>  |
| 11:50 a.m. | <b>Lunch</b>  |            |   |