

Genomic Health Innovations, Perspectives, and Progress Bloom in the Flower City

SEPTEMBER 6-10, 2025 | ROCHESTER, NY

EMGS President

Patricia Opresko

Program Chair

Brian Chorley

ECI Co-Chair

Tess Leuthner

Keynote Speakers

Andrea Baccarelli, Harvard T.H. Chan School of Public Health Lydia Contreras, University of Texas - Austin Vera Gorbunova, University of Rochester Carole Yauk, University of Ottawa

Important Dates

February 1: Abstract Collection Registration Opens

April 1: Abstract Submission Deadline

(Late breaking abstracts deadline August 15)

April 1: Travel Award Application Deadline

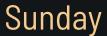
April 1: Early Bird Registration Ends August 8: Hotel Reservation Deadline



EMGS 2025 Website



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Symposium 1: Impact of Alternative DNA Structures on Genome Integrity and Cellular Function

Symposium 2: Has the Genotoxicity Revolution Arrived?

Monday

Symposium 3: Deciphering the Developmental Exposome: Epigenetic Mechanisms and Potential Tools to Assess Environmental Exposures

Symposium 4: Improving Hazard Identification of Nitrosamines: Enhancing the Ames Assay and Mammalian Cell Approaches

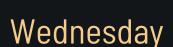
Tuesday

Symposium 5: Using Early Detection of Mutational Signatures to Understand the Etiology of Cancer

Symposium 6: Single-Cell DNA and Copy Number Variations Analysis: Insights into sources of DNA Damage and Mutations

Symposium 7: Infertility as the Novel Biomarker for Cancer Risks: Current perspective through the lens of Genome Instability

Symposium 8: The Mutagenic and Carcinogenic Hazards of Wildfire Combustion Emissions



Symposium 9: Germ Cell Toxicology in the Crosshairs: Implications of Mutagenesis to Offspring Health

Symposium 10: Environmental Toxicants and Genome Integrity: The Regulation and Roles of DNA Polymerases

Symposium 11: Navigating the Non-Coding RNA Landscape: Unveiling the Interplay with Environmental Exposures Through Epigenomics Tools

Symposium 12: Somatic Mosaicism and Clonal Expansion of Cancer Driver Mutants

Learn More



