

55TH ANNUAL MEETING OF THE EMGS

An Oasis of DNA Discoveries

September 7-11, 2024

Renaissance Palm Springs Hotel, Palm Springs, CA

EMGS President
Stephanie Smith-Roe

Program Chair
Dan Roberts

New Investigator Co-Chair
Ryan Barnes

Keynote Speakers

Philip C. Hanawalt
Stanford University

Ting Wang
Washington University

Wei Yang
National Institute of Health

Qi Chen
University of Utah

Important Dates

February 1: Abstract Collection and Registration Opens

May 15: Abstract Submission Deadline
(Late breaking abstracts deadline August 15)

May 15: Travel Award Application Deadline

July 15: Early Bird Registration Ends

August 21: Hotel Reservation Deadline

Special Interest Groups

DNA Repair & Mutagenic Mechanisms
Applied Genetic Toxicology
Genomics & Data Sciences
Epigenomics

Genotoxicity Risk Assessment & Public Health
Germ Cell & Heritable Effects
In Vivo Mutagenesis



Environmental
Mutagenesis and
Genomics Society

Synergistic Interactions for a Better World



www.emgs-us.org

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Saturday

Keynote Speaker 1: Why is DNA Double-Stranded?:
The Emergence of the Field of Genomic Maintenance
Philip C. Hanawalt, Stanford University

Sunday

Keynote Speaker 2: Structural Insights into Nucleotide
Excision Repair
Wei Yang, PhD, National Institute of Health

Symposium 1: Applying New Methods for Epigenetics
Research to Environmental Health and Toxicology

Symposium 2: Towards the Development of a Global
Genotoxicity AOP Network

Symposium 3: Application of -omics Approaches to
Advance Genetic Toxicology and Understand
Carcinogenesis

Monday

Keynote Speaker 3: The Human Pangenome Project
Ting Wang, PhD, Washington University

Symposium 4: Endogenous Defects and Exogenous
Sources of Replication Stress Driving Genome Instability

Symposium 5: Cannabis and Cannabinoids: Perspectives
on Gene-Environment Interaction

Symposium 6: Genetic and Protein Interaction
Networks in Nucleic Acid Transactions

Tuesday

Symposium 7: At the Crossroads of DNA Repair and the
Immune System

Symposium 8: Data-driven, AI-Enabled Innovations:
The Applications of AI in Genetic Toxicology

Symposium 9: Under the Spotlight; High-Profile
Chemicals

Wednesday

Keynote Speaker 4: Understanding the 'Sperm RNA
Code' for Epigenetic Inheritance with Emerging Tools
Qi Chen, PhD, University of Utah

Symposium 10: Risk Management of DNA-Reactive
Contaminants Using Relative Potency Factors (RPFs)

Symposium 11: Transcriptomic Points of Departure for
Chemical Safety Evaluation

Symposium 12: Clearing the Air on Epigenetic Changes
Following Exposure to Emerging Inhaled Toxicants

