MUTATION RESEARCH - REVIEWS IN MUTATION RESEARCH

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DESCRIPTION

The subject areas of *Mutation Research - Reviews in Mutation Research (MRR)* encompass the entire spectrum of the science of mutation research and its applications, with particular emphasis on the relationship between mutation and disease. Thus, this section will cover: Advances in human genome research (including evolving technologies for mutation detection and functional genomics) with applications in clinical genetics, gene therapy and health risk assessment for environmental agents of concern Genetic toxicology and environmental mutagenesis (including the factors that modulate the genetic activity of environmental agents) will continue to be prominent topics in this section.


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Cancer genetics, gene duplication, copy number variation, connective tissue, clinical genetics

Mirjam Luijten, National Institute for Public Health and the Environment, Bilthoven, Netherlands

Mutagenesis, genetic toxicity, transcriptomics, regulatory toxicology

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Chiara Mondello, Institute of Molecular Genetics National Research Council, Pavia, Italy

Genome instability, cellular transformation, cancer stem cells, telomeres, telomerase

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Kai Rothkamm, Public Health England, London, United Kingdom

Jesse Salk, TwinStrand biosciences, Seattle, Washington, United States

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Ronald D. Snyder, Cincinnati, OH, United States

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Paolo Vineis, Imperial College London, London, United Kingdom

Molecular Epidemiology

Paul A. White, Health Canada, Ottawa, Ontario, Canada

Ecotoxicology and complex mixture mutagenesis

Jeffrey Wickliffe, Tulane University, New Orleans, Louisiana, United States

Thomas Wilson, University of Michigan Medical School, Ann Arbor, Michigan, United States

DNA repair, end joining, recombination, structural variation, somatic mutagenesis, genomics, transcriptomics, bioinformatics, cancer genetics, molecular diagnostics

Jiri Zavadil, International Agency for Research on Cancer, Lyon, France
Cancer genomics and bioinformatics, mechanisms of carcinogenesis, mutagenesis and mutational signatures, epigenetics, molecular biology
GUIDE FOR AUTHORS

INTRODUCTION
The subject areas of Reviews in Mutation Research encompass the entire spectrum of the science of mutation research and its applications, with particular emphasis on the relationship between mutation and disease. Thus this section will cover advances in human genome research (including evolving technologies for mutation detection and functional genomics) with applications in clinical genetics, gene therapy and health risk assessment for environmental agents of concern. Genetic toxicology and environmental mutagenesis (including the factors that modulate the genetic activity of environmental agents) will continue to be prominent topics in this section. In addition to full-length reviews, mini-reviews on specific topical themes will be published.

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