DESCRIPTION

*Molecular Genetics and Metabolism* contributes to the understanding of the metabolic and molecular basis of disease. This peer reviewed journal publishes articles describing investigations that use the tools of *biochemical genetics* and *molecular genetics* for studies of normal and disease states in humans and animal models.

In addition to original research articles, minireviews reporting timely advances and commentaries providing novel insights are considered.

Research Areas include:

- Newborn Screening and Diagnosis of Inherited Metabolic Diseases
- Clinical Management and Treatment of Inborn Errors of Metabolism
- Normal and Pathogenic Functioning Related to Biochemical Genetic Disease
- Biochemical Studies of Primary and Secondary Enzyme Defects
- Thresholds, Moonlighting Functions of Proteins and Biochemical Network Modules
- Intercellular and Intracellular Metabolic Relationships

Authors are also welcome to submit to the journal’s open access companion title, *Molecular Genetics and Metabolism Reports*, which welcomes brief research articles, sequence reports, case reports and letters to the editors.

AUDIENCE

Molecular geneticists, biochemical geneticists, endocrinologists, metabolists, biochemists, molecular biologists

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INTRODUCTION
Molecular Genetics and Metabolism is a contribution to the understanding of the metabolic basis of disease. The journal publishes articles describing investigations that use the tools of biochemistry and molecular biology for studies of normal and diseased states.

Research Areas include:

- Inherited Metabolic Diseases
  - Biochemical studies of primary enzyme defects
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- Systems Biology
  - Functional integration of biochemical network modules
  - Moonlighting functions of proteins
- Inter cellular and Intracellular Metabolic Relationships
  - Biochemical interactions between subcellular compartments and distinct regions within these cellular spaces, termed microcompartments
  - Metabolic relations between individual enzymes and pathways
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  - Underlying mechanisms of inherited and acquired diseases
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