BIOCHIMICA ET BIOPHYSICA ACTA - MOLECULAR BASIS OF DISEASE
One of the 10 topical journals of BBA

AUTHOR INFORMATION PACK

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DESCRIPTION

*BBA Molecular Basis of Disease* addresses the biochemistry and molecular genetics of disease processes and models of human disease. This journal covers aspects of aging, cancer, metabolic-, neurological-, and immunological-based disease. Manuscripts focused on using animal models to elucidate biochemical and mechanistic insight in each of these conditions, are particularly encouraged. Manuscripts should emphasize the underlying mechanisms of disease pathways and provide novel contributions to the understanding and/or treatment of these disorders. Highly descriptive and method development submissions may be declined without full review.

Given the complex regulation of gene expression by a vast network of miRNA’s, manuscripts describing the regulation of (disease-associated) genes by single miRNAs will only be considered if they provide genuine, novel insight in a disease mechanism. Further, studies restricted to a single cell line will not be considered unless they present truly novel insights.

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Basic and clinical researchers studying molecular aspects of disease processes, Human geneticists, Biochemists, Molecular biologists, Cell biologists, Cell physiologists

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**P. Hemachandra Reddy**, Texas Tech University Health Sciences Center, Lubbock, Texas, United States of America

Drug Discovery, Healthy Aging, MicroRNAs, Synapse, Mitochondria, Oxidative Stress, Neurodegenerative Diseases including Alzheimer's, Huntington's, Parkinson's, Multiple Sclerosis, Diabetes/Obesity, Multiple Sclerosis, Depression, Gender-based Studies, Biomarker Development, Bioinformatics and Gene Expression Analysis, and Animal models.

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G protein-coupled receptor, melanocortin receptor, obesity

**Holly Van Remmen**, Oklahoma Medical Research Foundation, Oklahoma City, Oklahoma, United States of America

Skeletal Muscle, Mitochondrial function, Sarcopenia, Oxidative Stress, Aging, Peripheral Neurons
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INTRODUCTION

BBA Molecular Basis of Disease addresses the biochemistry and molecular genetics of disease processes and their models with a specific focus on human disease. The section covers metabolic, membrane, receptor and immunological disorders, and includes the biochemistry of differentiation disorders, tissue damage and aging. Manuscripts should emphasize the underlying mechanisms of disease pathways and provide novel contributions to the understanding and treatment of these processes. Highly descriptive and method development submissions may be declined without full review.

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