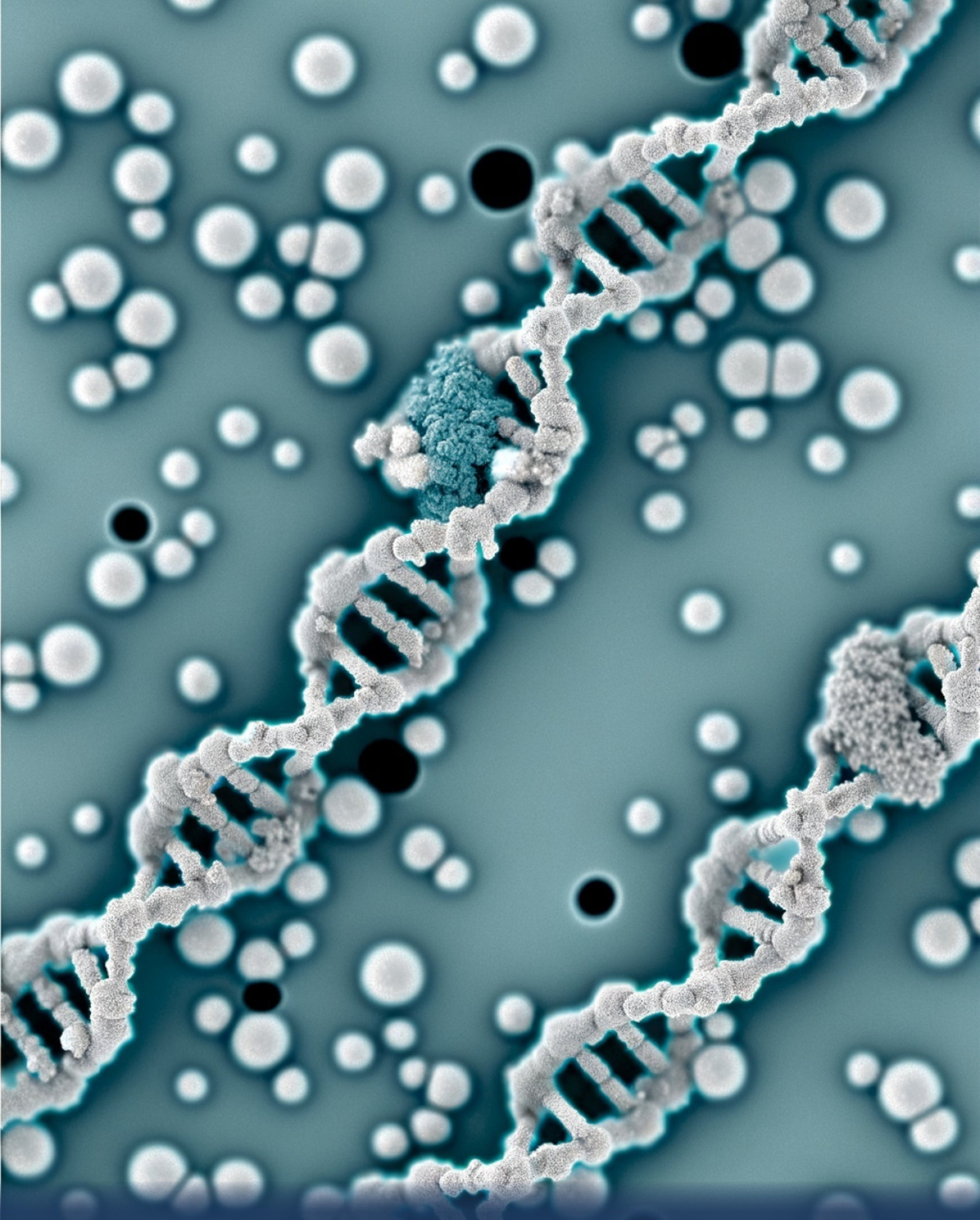




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Table of Contents

Volume 19, Issue 10 — October 2025

Research Articles

1.

The Possibilities of Music Therapy in the Context of Integrated Psychotherapy/Knobloch

Peter Kusý

Keywords: Music Therapy, Integrated Psychotherapy, Interpersonal Hypothesis, Circumplex Model, Group Scheme, Interpersonal Tendencies

2.

Application of Cloud Platform to Improve Project and Market Performance

Chu-Ching Wang, Hsiu-Chen Chuang, Li-Ren Yang, Yu-Min Wang, Hsu-Shih Shih

Keywords: cloud platform, customer relationship management, innovation capability, new product development, structural equation modeling

3.

Do Institutions Play a Role in the Perpetration of Torture?

Claudia Reyes-Quilodran

Keywords: torture, military regime, institutional framework, Chilean history, human rights, criminal behavior, Latin America

4.

Inclusion and Exclusion in Media Education in Colombia: Life Stories

Miguel Alberto González González

Keywords: Colombian education, social exclusion, diversity, inclusion, media education, cultural diversity, educational policy

5.

Gallstones Disease 'Cholelithiasis': Causes and Potential Treatments

Alaa H. Al-Darraji, Yesra S. Abd-Al-Saheeb, Zadoon J. Kadhem

Keywords: Cholelithiasis, Gallstones, Aluminum Ions, Diet, Atomic Absorption, Bile Composition

6.

On Zweier I-convergent Triple Sequence Spaces of Fuzzy Numbers Defined by an Orlicz Function

Sangita Saha, Santanu Roy

Keywords: I-convergence, fuzzy numbers, Orlicz function, sequence spaces, algebraic properties

7.

Anti-inflammatory Effect of Curcumin on Phorbol-12-myristate-13-acetate Plus A23187-mediated Inflammation in HMC-1 Cells

Ok-Hwa Kang, Nam-Won Kwak, Yun-Soo Seo, Tian Zhou, Ryong Kong, Sang-A Kim, Dong-Won Shin, Dong-Yeul Kwon

Keywords: Curcumin, Inflammation, HMC-1 Cells, NF- κ B, MAP Kinase, Cytokines, COX-2

8.

Elucidating the Role of snRNA Modifications in Pre-mRNA Splicing Efficiency

Hannes F. Müller, Aditi R. Nair, Zhang Min-Jie

Keywords: RNA splicing, snRNA modifications, CRISPR-Cas9, U1 snRNA, U2 snRNA, spliceosome, pre-mRNA, 2'-O-methylation

9.

Deciphering Synaptic Vulnerability in Alzheimer's: A Proteomic Approach

Andrea Müller, Hiroko Matsuda, Yusuf Al-Jabari

Keywords: neurodegeneration, Alzheimer's disease, synaptic vesicle cycling, proteomics, mitochondrial dysfunction, synaptic loss, mass spectrometry

10.

Comprehensive Analysis of CRISPR-Cas9 Mediated Gene Therapy for Monogenic Disorders

Lu Wei-Ming, Dieter H. Schneider, Priya Venkataraman

Keywords: CRISPR-Cas9, gene therapy, monogenic disorders, genome editing, adeno-associated virus, immunodeficiency, off-target effects

11.

Genomic and Physiological Mechanisms Underlying Heat Stress Tolerance in *Arabidopsis thaliana*

Lars J. van der Meer, Hiroshi Nakamura, Priya S. Menon

Keywords: Arabidopsis thaliana, heat stress, transcriptomics, metabolomics, heat shock proteins, CRISPR-Cas9, plant resilience

12.

Kinetic Pathways and Thermodynamic Stability in Protein Folding of Small Globular Proteins

Markus J. Schneider, Li Xiaolong, Fatima Al-Zahra

Keywords: protein folding, kinetic pathways, thermodynamic stability, molecular dynamics, NMR spectroscopy, energy landscape

13.

Elucidating Cross-Kingdom Metabolic Pathway Interactions Using Integrated Multi-Omics

Dr. Hans-Peter Müller, Dr. Meera Chaturvedi, Dr. Farid Al-Mansoori

Keywords: metabolic pathways, cross-kingdom interactions, multi-omics, shikimate pathway, transcriptomics, metabolomics, biotechnological applications

14.

Adaptive Thresholds in Response to Climatic Variability Enhance Resilience in Grassland Ecosystems

Heiko M. Schröder, Nandini S. Verma, Takashi Umehara

Keywords: ecosystem resilience, adaptive thresholds, climatic variability, grassland ecosystems, biodiversity, environmental perturbations, functional diversity

15.

Deciphering the Role of Rab GTPases in Endosomal Membrane Trafficking Dynamics

Hiroshi Yamamoto, Fatma Ozturk, Camila Alvarez

Keywords: Rab GTPases, endosomal trafficking, membrane dynamics, live-cell imaging, gene knockdown, HeLa cells