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Peter Kusý

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

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#### **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*

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Claudia Reyes-Quilodran

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

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Miguel Alberto González González

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

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

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

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Sangita Saha, Santanu Roy

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

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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- $\kappa$ B, MAP Kinase, Cytokines, COX-2*

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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*

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Andrea Müller, Hiroko Matsuda, Yusuf Al-Jabari

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

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### **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*

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

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

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

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

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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*

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

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

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# **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*