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## Prospects for the Use of Plant-Associated Bacteria in Biological Control of Oomycetes

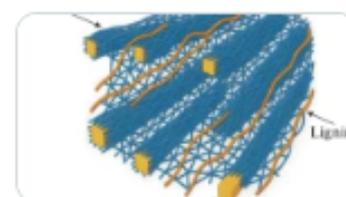
A. V. Sorokan, V. F. Gabdrakhmanova & I. V. Maksimov

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## Research Progress in the Biodegradation of Lignin (Review)

J. Li, X. Wu ... M. Xu

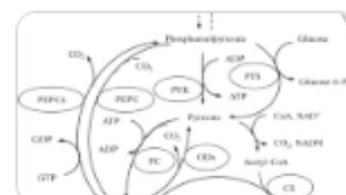
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## The Role of Anaplerotic Reactions for Oxaloacetate Synthesis in the L-Lysine-Producing Strain of *Corynebacterium glutamicum*

T. E. Leonova, L. E. Ryabchenko ... A. S. Yanenko

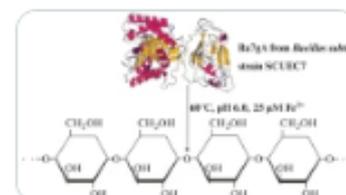
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## Characterization of a Thermostable Endoglucanase Involved in Cellulose Degradation from a Newly Isolated *Bacillus subtilis* SCUEC7 Strain

T. Feng, M. Yu ... X. Li

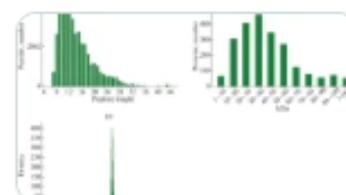
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## Response Mechanism of *Lactobacillus plantarum* under Simulated Digestion Based on Proteomics and Metabolomics Analysis

L. Zhao, Z. Cheng ... Z. Li

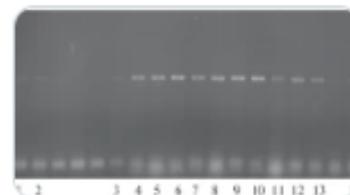
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## **Diversity and Antibacterial Activity of Fungus–Bacterium Symbionts from Marine Sediments in the Beibu Gulf**

F. T. Li, M. Li ... X. X. Yi

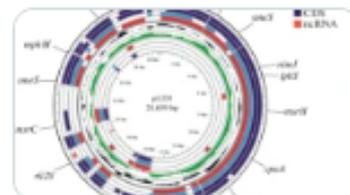
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## **Characterization of Plasmid pLD3 of *Enterococcus hirae* LD3 Isolated from a Popular Indian Fermented Food, *Dosa***

I. Kumari & S. K. Tiwari

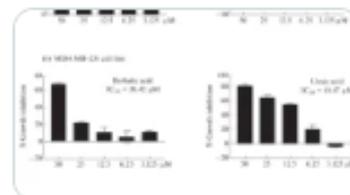
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## **Biological Activities of Compounds from Lichens *Dolichousnea longissima* and *Hypotrachyna cirrhata* and Their Docking against Transcriptional Regulator and Kinase Mnk-2**

P. Kumar, P. Kumar ... N. B. Bhat

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## **An Enriched Microbial Consortium *XYS* for Anaerobic Degradation of Petroleum Hydrocarbons: Characterization, Community Structure and Its Emulsification to Crude Oil**

Y. J. Wang, Q. F. Cui ... F. Zhao

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## **Effects of Pretreatment with Proteinase K at Different Concentrations on Methane Production and Microbial Community Structure in Anaerobic Co-digestion of Food Waste and Bioplastics**

X. Shi, X. Jiang ... Z. Shen

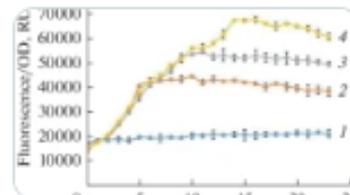
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## **Comparison of Efficiency of Different Promoters by $\beta$ -Carotene Production in the Yeast *Yarrowia lipolytica***

A. A. Cherenkova, M. O. Taratynova & O. E. Melkina

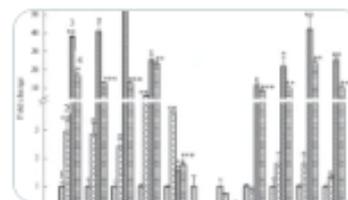
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## **Cooperative Roles of Trehalose and Heat Shock Proteins in the Response of *Saccharomyces cerevisiae* to Ethanol Stress**

F. Cui, Z. Chen ... H. Li

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## **Isolation, Characterization, Partial Purification and Plasmid Curing Analysis of Bacteriocin of *Pediococcus acidilactici* KX688798 Isolated from Fermented *Vigna radiate***

M. Shukla, M. Patadiya & S. Gupte

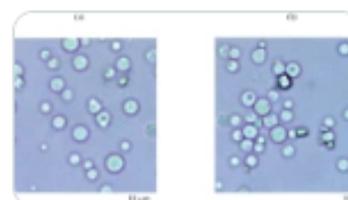
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## **Differences in 2,6-Dimethoxy-1,4-benzoquinone Reduction Systems between Brown-rot and White-rot Fungi**

R. Mori, Y. Yoshida ... M. Shimizu

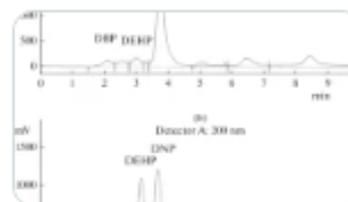
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A. G. Enikeev, V. A. Kustov ... A. A. Semenov

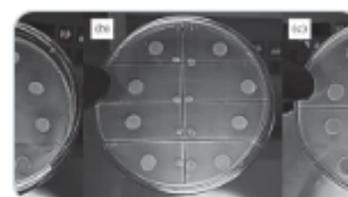
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## **Multispecies Biofilms of PGPR Strains with Antibacterial Potential as a Basis for the Development of Effective Biopreparations**

A. M. Lavina, A. A. Vladimirova ... Al. Kh. Baimiev

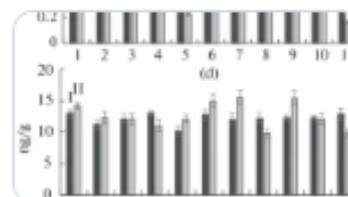
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## **Effect of Phenolcarboxylic Acids on the Balance of Steroid Hormones in Triticale Plants at the Initial Stage of Development**

R. P. Litvinovskaya, A. L. Sauchuk ... V. A. Khripach

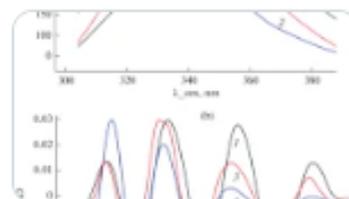
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## **On the Utility of Derivative and Multidimensional Fluorescence Spectroscopy for Studying the Intrinsic Fluorescence of Proteins**

N. M. Malygina, A. Y. Lianguzov ... A. M. Ivanov

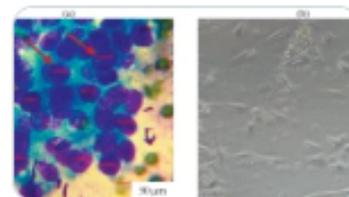
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O. I. Guliy, B. D. Zaitsev ... I. A. Borodina

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## **Development of Immunochromatographic Assay of the Anti-Mullerian Hormone by Surface-Enhanced Raman Scattering Using Bimetallic Nanoparticles**

K. V. Serebrennikova, N. S. Komova ... B. B. Dzantiev

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