

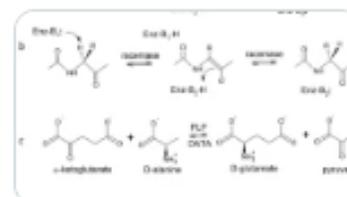


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D-Amino Acid Transaminases: Structural Diversity, Catalytic Properties, and Potential Applications

Alina K. Bakunova, Sofia A. Shilova ... Ekaterina Yu. Bezsudnova

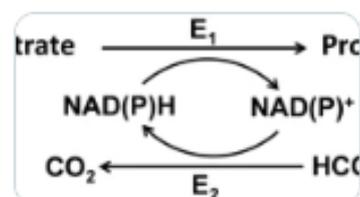
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Engineering Coenzyme Specificity of Formate Dehydrogenases: The Role of Amino Acid Residues at Positions 379 and 380

Vladimir I. Tishkov, Anastasia A. Pometun ... Svyatoslav S. Savin

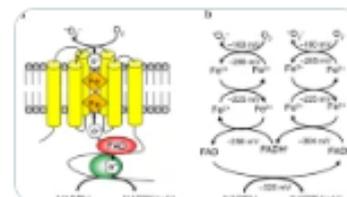
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Myeloperoxidase as a Regulator of Cell Signaling under Oxidative/Halogenative Stress

Irina V. Gorudko, Daria V. Grigorieva ... Oleg M. Panasenko

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Application of D-Amino Acid Oxidase (DAAO) in Bioanalytics

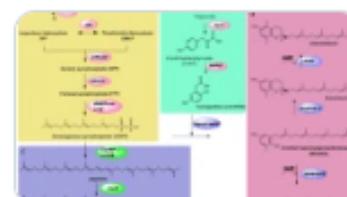
Denis L. Atroshenko, Svyatoslav S. Savin ... Vladimir I. Tishkov

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Yeast Engineering for Antioxidant Production

Yulia S. Panina, Sergey A. Bruskin ... Evgeniya Yuzbasheva

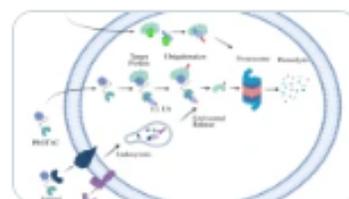
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Targeted Protein Degradation: Methods and Prospects

Ilya V. Sklyar, Aleksandra M. Rozhkova ... Arkadiy P. Sinitsyn

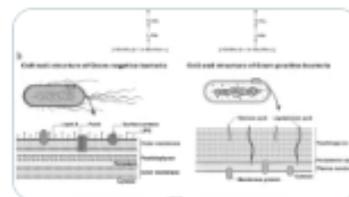
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Application of Proteins Binding Components of Bacterial Cell Wall for Extraction, Concentration, and Analysis of Biological Samples

Ekaterina Yu. Epova, Elena V. Trubnikova ... Ilya N. Kurochkin

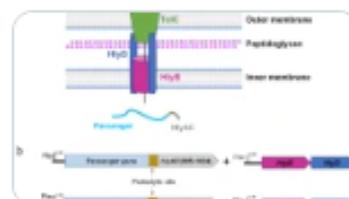
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Recombinant Protein Secretion for Production and Purification in Bacterial Systems

Olga S. Kostareva, Svetlana V. Tishchenko ... Alisa O. Mikhaylina

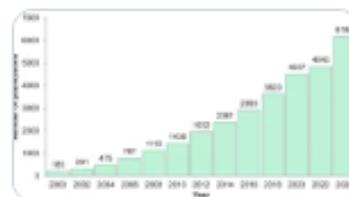
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A Critical View at the Analysis of Chitosan Characteristics: Towards Biomedical Application

Balzhima Shagdarova, Alexey Lunkov ... Valery Varlamov

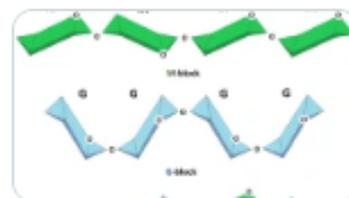
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Alginate Hydrogels: Methods of Preparation and Application in Tissue Engineering and Targeted Drug Delivery

Darya N. Zinovieva, Vasilina A. Zakharova ... Nikita G. Yabbarov

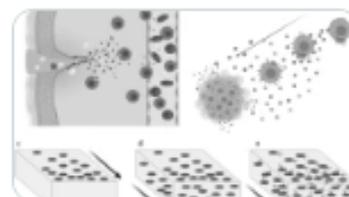
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Nikita G. Yabbarov, Ivan V. Romashkin ... Elena D. Nikolskaya

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Natalia V. Rassomakhina, Astemir R. Likhov ... Viktoriya V. Zherdeva

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Sperm-Specific Glyceraldehyde-3-Phosphate Dehydrogenase and Energy Metabolism in Melanoma Cells

Denis V. Pozdyshev, Maria V. Medvedeva ... Elena V. Schmalhausen

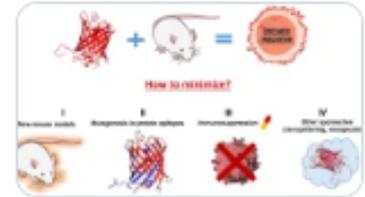
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Immunogenicity of Fluorescent Tumor Models Based on Colored Fluorescent Proteins, Ways for Overcoming It and Using It

Nadezhda K. Marynich, Alexandra V. Gavshina ... Irina G. Meerovich

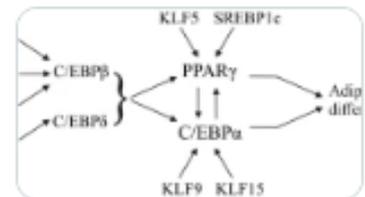
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Canonical and Non-Canonical Mechanisms of Insulin-Dependent Signaling Regulating Adipogenic Differentiation in Adipose Tissue Renewal

Andrey D. Bondarev, Konstantin Yu. Kulebyakin ... Pyotr A. Tyurin-Kuzmin

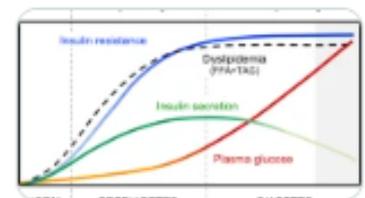
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Pathophysiology, Biochemistry, and Molecular Landscape of Insulin Resistance in Type 2 Diabetes

Alexander V. Vorotnikov, Nikita V. Podkuychenko & Marina V. Shestakova

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Thyroid Peroxidase Gene Mutations Associated with Thyroid Disorders

Alexander V. Zubkov & Ludmila G. Butova

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