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Critical Bioprocess Monitoring and Fermentation Control

Effect of flaking on the digestibility of corn in ruminants (2021, Korea)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8564314/pdf/jast-63-5-1018.pdf>

Biological Carbon Recovery from Sugar Refinery Washing Water into Microalgal DHA: Medium Optimization and Stress Induction (2019, Korea)

<https://link.springer.com/content/pdf/10.1038/s41598-019-56406-x.pdf>

Effects of toasting and decortication of oat on nutrient digestibility in the rumen and small intestine and on amino acid supply in dairy cows (USA 2020)

<https://www.sciencedirect.com/science/article/pii/S0022030219310811>

A simple and effective cryopreservation protocol for the industrially important and model organism, *Euglena gracilis* (Canada , 2022)

<https://www.sciencedirect.com/science/article/pii/S2666166721007498>

The Nutritional and Pharmacological Potential of New Australian Thraustochytrids Isolated from Mangrove Sediments (Australia, 2020)

<https://www.mdpi.com/1660-3397/18/3/151>

Switchgrass storage effects on the recovery of carbohydrates after liquid hot water pretreatment and enzymatic hydrolysis (USA, 2016)

<https://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1640&context=biosysengfacpub>

Improving fermentation of *Saccharina latissima* and *Alaria esculenta* silages with additives for preserving biomass and antioxidants (Norway 2021)

<https://link.springer.com/article/10.1007/s10811-021-02628-4>

High Gravity Fermentation of Sugarcane Bagasse Hydrolysate by *Saccharomyces pastorianus* to Produce Economically Distillable Ethanol Concentrations: Necessity of Medium Components Examined (USA, 2019)

<https://www.mdpi.com/2311-5637/6/1/8>

Biofuel Production and Research

Engineering the Yeast *Yarrowia lipolytica* for Production of Polylactic Acid Homopolymer (2020, France)

<https://www.frontiersin.org/articles/10.3389/fbioe.2020.00954/full>

Optimal uses of biomass resources in distributed applications (2015, USA)

<https://www.proquest.com/openview/f9aa69ecadce3f0c6bf90f2e152ce0f7/1?pq-origsite=gscholar&cbl=18750>

Sf9 Cells Metabolism and Viability When Coinfected with Two Monocistronic Baculoviruses to Produce Rabies Virus-like Particles (2022, Brazil)

<https://link.springer.com/article/10.1007/s12033-022-00586-x>

Clinical Blood or Medical Study

A Holistic Investigation of Acidosis in Breast Cancer (USA, 2022)

<https://www.proquest.com/openview/3e0667dddc22742be40575e2a9979622/1?pq-origsite=gscholar&cbl=18750&diss=y>

Polyunsaturated fatty acid production by *Yarrowia lipolytica* employing designed myxobacterial PUFA synthases (Germany, 2019)

<https://www.nature.com/articles/s41467-019-12025-8#Sec2>

Protocol for assessing the effects of exogenous hormone administration on human postprandial glucose metabolism, appetite sensations, and food intake (Denmark, 2023)

<https://www.sciencedirect.com/science/article/pii/S266616672300028X>

Prolonged, Controlled Daytime versus Delayed Eating Impacts Weight and Metabolism (USA, 2021)

<https://www.sciencedirect.com/science/article/pii/S0960982220316699>

Metronomic Chemotherapy Modulates Clonal Interactions to Prevent Drug Resistance in Non-Small Cell Lung Cancer (France, 2021)

<https://www.mdpi.com/2072-6694/13/9/2239>

Mitochondrial oligomers boost glycolysis in cancer stem cells to facilitate blebbistatin-mediated transformation after apoptosis (USA, 2016)

<https://www.nature.com/articles/cddiscovery20163>

Korea tumor study 2020

<https://reader.elsevier.com/reader/sd/pii/S1550413120303661?token=781D5CA7A6BB174F65321A5B7CE03BF473F20DF45BCD05F97638E1725234C5E48CCF9225AB1FF35556DF527B894C4CE3&originRegion=us-east-1&originCreation=20230427165812>

Journal of Nutrition USA 2021 - Avocado Consumption, Abdominal Adiposity, and Oral Glucose Tolerance Among Persons with Overweight and Obesity

<https://academic.oup.com/jn/article/151/9/2513/6311819>

Effect of Increasing Ruminal Propionate on Feed Intake and Glucose Metabolism in Steers Fed a Finishing Diet (USA, 2021)

<https://www.proquest.com/openview/1083bdc9aaf15de03495a21908c376b5/1?pq-origsite=gscholar&cbl=18750&diss=y>

Adipocytes promote pancreatic cancer cell proliferation via glutamine transfer (USA, 2016)

<https://www.sciencedirect.com/science/article/pii/S2405580816300887>

Efficacy and mechanism of combination of oxaliplatin with PKM2 knockdown in colorectal cancer (China 2020)

<https://www.spandidos-publications.com/10.3892/ol.2020.12175>

Food and Beverage Processing

Optimization of Culture Conditions for The Probiotic Bacterium *Pediococcus Pentosaceus* using a Factorial Design (Mexico, 2019)

<https://www.scivisionpub.com/pdfs/optimization-of-culture-conditions-for-the-probiotic-bacterium-pediococcus-pentosaceus-using-a-factorial-design-990.pdf>

Cloudberry (*Rubus chamaemorus*) cell culture with bioactive substances: Establishment and mass propagation for industrial use (Germany, 2014)

<https://onlinelibrary.wiley.com/doi/full/10.1002/elsc.201400069>