



Overview of Research Proposals from Dairy Center

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Continuing Project Proposals

Proposed Projects for the Year 2021

Continuing Projects 2021

Project 1 – Technology Transfer (Dairy Center – Barbano) \$52,274

Project 2 – Fermenting Value of Dairy (GOS) (Alcaine) \$90,821

Project 3 – Value added products from lactose hydrolyzed skim milk (Rizvi) \$105,020

Project 4 – Identification of sources of undesirable flavors in UHT milks (Barbano/Drake) \$72,729

Total Budget request on Continuing Projects \$320,844.

New Project Proposals and Total Budget Request

Proposed Projects for the Year 2021

New Project Proposals 2021

Project 5 – Control of heterofermentative organisms to prevent cheese defects (Alcaine) \$67,221

Project 6 – Lactose oxidase to control spore formers in raw milk (Alcaine) \$92,551

Project 7 – Microwave dehydrated shelf-stable cream (Moraru) \$99,479

Project 8 – Novel process for the production of lactose reduce milk powder (Moraru) \$100,654

Project 9 – Development of quick in-mouth dissolving protein rich extruded baby foods (Rizvi) \$95,580

Project 10 – Sequestration of bovine oligosaccharide: A novel food ingredient (Abbaspurrad) \$117,882

Project 11 – Conversion of milk proteins to clean label emulsifiers (Abbaspurrad) \$96,760

Project 12 - Development of kids milks: school lunch, food service, and retail. (Barbano/Drake) \$76,269

Total Budget request for **New Projects \$746,396**

Total Budget request on **Continuing Projects \$320,844.**

Total Dairy Center Budget Request 2021 (Projects 1 thru 12) \$ 1,067,240