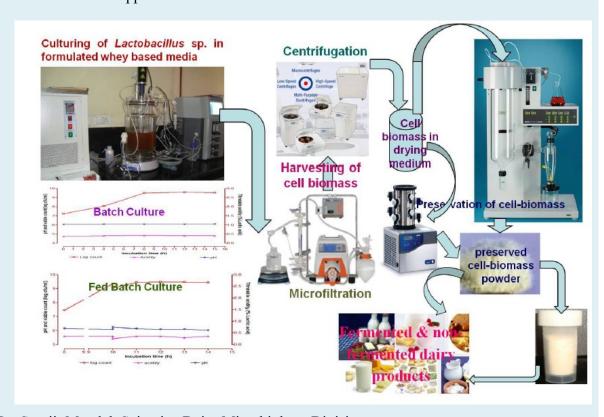
Diversified Probiotics Fermented and Non-Fermented Indigenous Dairy Products

Salient features

- ➤ Production of Lactobacillus cell biomass in a formulated whey based medium; preserved by freeze and spray drying
- Fermentation conditions for production of Lactobacillus spp. biomass in whey based medium under Batch and Fed batch scale
- ➤ Application of concentrated and dried cell biomass in value addition to fermented dairy beverage and kulfi (108-9 cfu/ ml).

Advantages

✓ Preparation of probiotic importance Lactobacillus sp. biomass in dried form for food and nutraceutical applications



Process
Technology
/ product
developed by

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Year

2013-14

Source of funding

MoFPI

More information

Status of commercialization / Patent / Publication

Mandal, S., Pritee, Tomar, S.K., Behare, P.V. and Khamrui, K. 2014. Production of Lactobacillus casei NCDC 298 biomass in whey based medium. 7th National Seminar on Dairy Sector: The Key Player For Nutritional Security in India. NDRI Graduates Association & ICAR-National Dairy Research Institute, Karnal, ICAR-NDRI, Karnal, 19-20 Sept.

Status of Transfer of Technology

Technology/know-how developed "Direct Product Probiotic (DPP) Formulation of Lactobacillus culture" has been incorporated in Zonal Agro-Technology Management Centre, ICAR-National Dairy Research Institute, Karnal technology list and presented during Industry Meet held on Dec. 1, 2014 and Dec. 17, 2015 at ICAR-National Dairy Research Institute, Karnal.

The Technology is ready for commercialization

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