

Annexure III

List of Publications

Scientific publications in SCI Journals

Divya, J. B., Varsha, K. K., & Nampoothiri, K. M. (2012). Newly isolated lactic acid bacteria with probiotic features for potential application in food industry. *Applied Biochemistry and Biotechnology*, 167(5), 1314-1324.

Divya, J. B., Varsha, K. K., Nampoothiri, K. M., Bindhumol, I., & Pandey, A. (2012). Probiotic fermented foods for health benefits. *Engineering in Life Sciences*, 12(4), 377-390.

Divya, J. B., & Nampoothiri, K. M. (2014). Folate fortification of skim milk by a probiotic *Lactococcus lactis* CM28 and evaluation of its stability in fermented milk on cold storage. *Journal of Food Science and Technology*, 52(6), 3513-3519.

Divya, J. B., & Nampoothiri, K. M. (2015). Encapsulated *Lactococcus lactis* with enhanced gastrointestinal survival for the development of folate enriched functional foods. *Bioresource Technology*, 188, 226-230.

Dilna, S.V., Surya, H.K., **Divya, J.B.**, Pandey, A. & Nampoothiri, K.M. (2015). Physicochemical characterization of an exopolysaccharide produced by a newly isolated *Weissella cibaria*. *Applied Biochemistry and Biotechnology*, 176(2), 440-453.

Book Chapter

Nampoothiri, K. M., **Divya, J. B.**, Dilna, S.V., & Bindhumol, I. (2016). In Frias, J., Martinez-Villaluenga, C., Penas, E. (Eds), *Fermented Foods in Health and Disease Prevention*, Academic Press, ISBN 0128025492, 9780128025499.

Manuscript to be communicated

Divya, J. B., & Nampoothiri, K. M., Fermentative fortification of folate in skim milk and apple juice by co-culturing of *Lactococcus lactis* strains, (2016).

Posters/papers presented at International Conferences

Divya, J. B., Varsha, K. K., & Nampoothiri, K. M. Newly isolated lactic acid bacteria for potential application in food industry, Proceedings of the International conference on New Horizons in Biotechnology (NHBT 2011), November 21-24, Trivandrum, India, IB FAB 13, P 225.

Bindhumol, I., **Divya, J.B.**, Dhanya, G., Pandey, A., & Nampoothiri, K.M. Isolation of genes involved in the biosynthesis of exopolysaccharides (EPS) and folic acid from probiotic lactic acid bacteria, International Congress on Bioprocesses in Food Industries, Curitiba, Brazil, October 5 - 8, 2010.

Divya, J.B., & Nampoothiri, K.M. Folate fortification of skim milk medium by probiotic lactic acid bacteria, International Conference on Industrial Biotechnology (ICIB), November 21-23, 2012, Patiala, India

Divya, J.B., & Nampoothiri, K.M. Studies on folate production by a probiotic *Lactococcus lactis* and isolation and identification of folate biosynthetic genes for genetic manipulation, International Conference on Advances in Biotechnology & Bioinformatics & X Convention of The Biotech Research Society, organized by Dr.D.Y.Patil Vidyapeeth,Pune and The Biotech Research Society of India, India,November 25-27.MIB 58, p -C132.

Divya, J. B., & Nampoothiri, K.M. Folate fortification by probiotic *Lactococcus lactis* , 2nd Annual PAi Conference and International Symposium on "Probiotics and Microbiome : Gut & Beyond" November 3-4, 2014 at India Habitat Centre, New Delhi, India – **Best Poster Award**

Divya J B & Nampoothiri, K.M. Encapsulation of folate producing *Lactococcus lactis* strains to enhance gastrointestinal survival, International Conference on. Emerging Trends in Biotechnology (ICETB 2014) XI Convention of the Biotech Research Society, India, November 6-9, 2014, New Delhi, India

Divya J B & Nampoothiri, K.M. Development of folate enriched functional foods using probiotic *Lactococcus lactis* strains, New Horizons in Biotechnology (NHBT 2015), November 22-25, Trivandrum, India, FAB 3, p 283.

NCBI GenBank submissions

Divya, J. B., Dhanya, G., & Nampoothiri, K.M. *Lactococcus lactis* strain CM22 - 16S ribosomal RNA gene, partial sequence, GenBank Accession No: KJ742708

Divya, J. B., Dhanya, G., & Nampoothiri, K.M. *Lactococcus lactis* strain CM28 - 16S ribosomal RNA gene, partial sequence, GenBank Accession No: KJ676682

Divya, J. B., & Nampoothiri, K.M. *Enterococcus sp* strain P8 - 16S ribosomal RNA gene, partial sequence, GenBank Accession No: KJ742707

Divya, J. B., & Nampoothiri, K.M. *Weissella cibaria* strain G4 - 16S ribosomal RNA gene, partial sequence, GenBank Accession No: KJ742706

Divya, J. B., & Nampoothiri, K.M. *Lactococcus lactis* strain CM28 - *folKE* gene, complete cds. GenBank Accession No: KU214676

Divya, J. B., & Nampoothiri, K.M. *Lactococcus lactis* strain CM22 - *folKE* gene, complete cds. GenBank Accession No: KU324892

Divya, J. B., & Nampoothiri, K.M. *Lactococcus lactis* strain CM28 - *folC* gene, complete cds. GenBank Accession No: KX013556

Divya, J. B., & Nampoothiri, K.M. *Lactococcus lactis* strain CM28 - *folA* gene, complete cds. GenBank Accession No: KX013557