



Krishna SBN



India

Biochemistry

Krishnas@ukzn.ac.za; dr.naidu@hotmail.com; +27312607665

My research focuses on "Expression and partial characterization of the *Saccharomyces cerevisiae* cell wall-related mannoproteins". I completed my PhD in Biochemistry from India; the study focussed on "Optimization of production, purification and partial characterization of thermostable alkaline protease from *Bacillus* sp". I would like to accept new challenges encountered in Life Sciences with interest in developing new, novel and innovative technology/products suitable for commercialisation.

## CURRENT RESEARCH

### Topic

Expression and partial characterization of the *Saccharomyces cerevisiae* cell wall-related mannoproteins

### Methodology

- DNA manipulation
- Purification and characterization of yeast cell wall mannoproteins

### Application

Development of cost effective technology suitable for wine industries

## UKZN main Publications

1. Anushka Moothoo-Padayachie, Himakar Reddy Kandappa, **Suresh Babu Naidu Krishna**, Thomas Maier, Patrick Govender (2013). Biotyping *Saccharomyces cerevisiae* strains using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS). *Eur Food Res Technol*. 236: 351-364
2. **Suresh Babu Naidu Krishna**, Jamila K Adam, Patrick Govender (2012). Use of probiotics and safety concerns. *African Journal of Microbiology Research* 6(41):6871-6877.

## Past Researches

1. Investigate alkaline proteases, Probiotics and Technology
2. Commercialisation

## Future Interests

1. Research & Development
2. Consultancy
3. Academia

## Extra Interests

Take a trip, cinema, paperback appraisal and sports (soccer, cricket).