



***Rhodobacter viridis* JA737^T for production, extraction, and purification of neurosporene capsules (Patent no. 306342)**

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Neurosporene is an important carotenoid with a good source of antioxidant and protective nature against UV-B radiation. Unfortunately, it is not commercially available in the market to date, hence greatly depends upon dietary supplements. In the present study, scientists from the University of Hyderabad

photoheterotrophically cultivated mutated *Rhodobacter viridis* JA737^T bacteria with minimum contamination of other pigments. It showed large-scale production and economical purification (~99%) of neurosporene. This patented technology is ready for commercialization and will act as an excellent source of antioxidants.

