

# TECHNOLOGIES FOR PRODUCING FUNCTIONAL FOOD PRODUCTS ON THE BASIS OF PLANT RAW MATERIALS WITH HIGH ANTIOXIDANT ACTIVITY INDICATORS



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## OBJECTIVES

Prevention of various diseases, as well as everyday use in extreme conditions: in space, in the Arctic and Antarctic, on offshore oil platforms, in the mountains, on submarines.



## AREAS OF USE

Food Industry, Food for Geologists, Astronauts, Military



A number of plants with good prospects that grow in the Samara region and possess antioxidant activity have been identified in the course of the research. Technologies have been developed for obtaining extracts enriched with components responsible for the appearance of the antioxidant effect, and studies have begun on the anticarcinogenic effect of these extracts. Formulations and technologies for the production of functional foods enriched with high antioxidant indicators components are being developed.



## PECULIARITIES

The project stipulates a prophylactic model for reducing the number of various diseases due to the introduction of components of plant materials with high antioxidant indicators into the nutritional scheme of the Samara region population.



## CONTACTS

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## CORE COMPETENCIES

#ANTIOXIDANTS, #FUNCTIONAL FOOD PRODUCTS, #PLANT RAW MATERIALS