

Biosynthesis technologies

1. Technology for obtainment of bacterial xylanase
2. Technology for obtaining pullulan type polyssacharides, natural product obtained by microbial biosynthesis with applications in the industrial packaging industry (coatings and films impermeable to oxygen), pharmaceutical industry, cosmetics, paper industry, mining industry (cement, flocculant) etc.
3. Technology for obtaining a biodegradable biopoliester with multiple applications, replacement for synthetic polymers used in plastics industry, packaging industry and biomedical materials industry.
4. Technology for obtaining “Bactosan” of veterinary use – to restore normal intestinal flora
5. Technology for obtaining microbial ecological products with biostimulation and biofertilization action in Sustainable Agriculture
6. Technology for obtaining a product for biological control of bacteriosis attack ing culture plants in modern agriculture
7. Technology for obtaining biological products used for the control of pathogenic fungi attacking culture plants
8. Obtainment of probiotics with microorganisms, for veterinary use
9. Technology for obtaining chromiated yeas biomass with hypoglycemiant action
10. “Bactobiogen”, product for human use to restore normal intestinal flora.
12. Laboratory obtaining technology of a yeast biomass bioproduct enriched in chromium and selenium with antioxidant and antidiabetic action
13. Method of obtaining a seleniated yeast biopreparate from *Saccharomyces cerevisiae* cultures with antioxidant action
14. Obtaining technologies for pullulan, curdlan and xanthan polysaccharides
15. Technology for obtaining 3-beta-hydroxy- 15 beta-16-beta-methylene-5-androsten 17- ona by transforming a steroid precursor with the microorganism *Colletotrichum lines*.
16. Technology for obtaining a trypsin and kallikrein inhibitor derived from bovine lung
17. Technology for obtaining urease from watermelon seeds (*Citrullus vulgaris*)
19. Technology of obtaining insecticide products based on volatile alkaloids by extraction from tobacco waste
20. Technology for obtaining tomatin (alkaloid) from vegetable waste resulting from the cultivation of tomatoes and a anti-inflammatory ointment -gel product, skin repairing based on tomatin hyaluronate
21. Technology for obtaining of a hepatoprotective, energy product as drinkable solution based on L-arginine L-aspartate
22. Technology for obtaining an antiinflammatory ointment gel, antihemoragic, stimulative of protein synthesis product, based on sage extract and sodium hyaluronate for the treatment of gingival diseases