

Since the laboratory was founded (1994), the following dissertations have been defended:

- 1.** *V.I.Loizinsky* “Cryogels on the basis of natural and synthetic polymers: preparation, properties and application”, D.Sc. (Full Professor) thesis, INEOS RAS, 1994.
- 2.** *T.V.Gnezdilova* “Cryogels based on collagen dispersions: preparation and properties”, PhD thesis, 1994 (supervisors: V.I.Loizinsky, S.V.Rogozhin).
- 3.** *F.M.Plieva* “Immobilization of biological molecules in supermacroporous carriers based on poly(vinyl alcohol) cryogels”, PhD thesis, 1997 (supervisor: V.I.Loizinsky).
- 4.** *N.N.Martynenko* “Elaboration of yeast technology for the bottle and reservoir wines’ champagne”, PhD thesis, 2001 (supervisors: I.M.Gracheva, V.I.Loizinsky).
- 5.** *A.V.Bacheva* “Enzymatic properties of native and modified subtilisin 72 in the organic solvents media”, PhD thesis, 2002 (supervisors: I.Yu.Filippova, V.I.Loizinsky).
- 6.** *I.N.Savina* “Filled cryogels of poly(vinyl alcohol): preparation, influence of the disperse phase properties, application”, PhD thesis, 2003 (supervisor: V.I.Loizinsky).
- 7.** *I.Kh.Nagaev* “Polymerization of N-isopropylacrylamide in aqueous medium”, PhD thesis, 2005 (supervisors: M.I.Shtil’man, E.V.Kalinina).
- 8.** *R.V.Ivanov* “Characteristic features of acrylamide cryopolymerization in the moderately-frozen aqueous medium”, PhD thesis, 2005 (supervisor: V.I.Loizinsky).
- 9.** *A.V.Belyaeva* “Proteinases immobilized in poly(vinyl alcohol) cryogel as the catalysts of peptide synthesis in organic medium”, PhD thesis, 2006 (supervisors: I.Yu.Filippova, V.I. Loizinsky).
- 10.** *B.L.Shaskol’shii* “Composite immobilized biocatalysts containing particles of enzyme preparations entrapped in the matrix of poly(vinyl alcohol) cryogel”, PhD thesis, 2009 (supervisor: V.I.Loizinsky).
- 11.** *V.V.Nikonorov* “Preparation of the dialdehyde-modified chitosan hydrogels with the use of Cryotropic gel-formation technology”, PhD thesis, 2010 (supervisors: N.R.Kil’deeva, V.I. Loizinsky).
- 12.** *O.E.Zaborina* “Cryopolymerization of N,N-dimethylacrylamide in the non-deeply-frozen aqueous and organic media”, PhD thesis, 2013 (supervisor: V.I.Loizinsky).
- 13.** *I.A.Rodionov* “Serum-albumin-based cryogels: synthesis, properties and possibilities of biomedical application”, PhD thesis, 2017 (supervisor: V.I.Loizinsky).
- 14.** *M.V.Oschepkova* “Novel optical sensor polymeric film and gel materials”, PhD thesis, 2019 (supervisor: V.I.Loizinsky).
- 15.** *E.V.Sidorsky* , “ Synthesis , properties and application of wide-pore cryogels based on blood serum proteins as biocompatible carriers of peptide substances ”, PhD thesis, 2023 (supervisor: V.I.Loizinsky).
- 16.** *D.A.Michurov* " Obtaining and properties of new representatives of polyvinyl alcohol cryogels , prospects for their use as carriers of medicinal substances ", PhD thesis, 2024 (supervisor: V.I.Loizinsky).