

**The list of participants**  
of the International Conference of Young Scientists «BIOTECHNOLOGY FOR FUTURE»  
affiliated to the 3rd International Symposium  
«EU-Russia: Prospects for Cooperation in Biotechnology in the Seventh Framework Programme».  
(June 6-8, 2006, St.-Petersburg)

Name	Place of employment	Report
Dr. Berezina O.V.	Institute of Molecular Genetics RAS, Moscow, Russia	CELLULASE AND HEMICELLULOSE ACTIVITIES OF SOLVENTOGENIC CLOSTRIDIA
Bondarenkova A.D.	Institute of Biochemistry and Physiology of Plants and Microorganisms, RAS, Saratov, Russia	DEGRADATION OF OIL HYDROCARBONS BY PLANT-GROWTH PROMOTING RHIZOBACTERIA OF THE GENUS <i>AZOSPIRILLUM</i>
Boshomdzhev A.P.	Bach Institute of Biochemistry, RAS, Moscow, Russia	THE COMPARATIVE CHARACTERISTIC OF TISSUE REACTION ON SYNTHETIC ENDOPROSTHESIS PROLENE AND SPMM AND COVERED BY FIBROBLASTS ARTIFICIAL LIMBS PROLENE AND SPMM PROSTHESIS
Dr. Burtzeva Y.V.	Institute of Bioorganic Chemistry, Far East Department, Vladivostok, Russia	HIGHLY EFFICIENT IMMOBILIZATION OF LAMINARINASES FROM MARINE MOLLUSKS IN NOVEL <i>HYBRID POLYSACCHARIDESILICA NANOCOMPOSITES</i>
Chulkin A.M.	State Reseach Institute of Genetic and Selection of Industrial Microorganisms, Moscow, Russia.	A STRAIN OF THE FILAMENTOUS FUNGUS <i>PENICILLIUM CANESCENS</i> PRODUCING AN EXTRACELLULAR ENDO-(1-4)-XYLANASE WITH REDUCED CELLULOLYTIC ACTIVITY
Ermakov I.V.	Soil Science Faculty, Moscow State University, Moscow, Russia	CONTAMINATION AND REMEDIATION OF FOREST SOILS IN SURROUNDINGS OF A NICKEL SMELTER
Dr. Frommberger M.	GSF – National Research Center for Environment and Health in the Helmholtz Association Institute of Ecological Chemistry: Chemical BioGeoanalysis Ingolstaedter Landstrasse, Neuherberg/Munich, Germany	AN ANALYTICAL PLATFORM FOR ENVIRONMENTAL, PLANT AND MICROBIAL METABOLOMICS
Furmanov A.O.	Ukrainian quality and safety laboratory of AIC products, Kiev, Ukraine	THE QUALITY MANAGEMENT SYSTEMS DEVELOPMENT IN LABORATORIES ACCORDING TO THE REQUIREMENTS OF INTERNATIONAL STANDARD OF ISO/IEC 17025:2001
Dr. Gannibal Ph.B.	All-Russian Institute of Plant Protection, St. Petersburg, Russia	MOLECULAR DETECTION AND IDENTIFICATION OF TOXIGENIC ALTERNARIA FUNGI IN GRAIN
Dr. Glotov A.S.	Ott's Institute of Obstetrics&Gynecology, Saint-Petersburg, Russia	DEVELOPMENT AND USING THE TEST-SYSTEMS ON THE BASIS OF GEL BIOCHIPS FOR STUDYING GENETIC POLYMORPHISM

Dr. Golubev S.N.	Institute of Biochemistry and Physiology of Plants and Microorganisms of the RAS, Saratov, Russia	PHYTOSTIMULATING ACTIVITY OF IAA-PRODUCING PAH-DEGRADING <i>SINORHIZOBIUM MELILOTI</i> IN CLEAN AND CONTAMINATED GROUND
Golubeva L.I.	Closed Joint-stock Company «Ajinomoto-Genetika Research Institute (AGRI)», Moscow, Russia	EXPLOITING OF A PHAGE RED-DRIVEN RECOMBINATION SYSTEM FOR GENERATION OF PROMOTER LIBRARIES IN <i>ENTEROBACTERIACEAE</i>
Gorbatova O.N.	Bakh Institute of Biochemistry, RAS, Moscow, Russia	ROLE OF REDOX-MEDIATORS IN BIODEGRADATION OF HERBICIDE ATRAZINE BY FUNGAL LACCASE
Dr. Gorodnova E.A.	I.M. Sechenov Moscow Medical Academy, Moscow, Russia	LEIDEN MUTATION – THE RISK FACTOR OF ADVERSE OUTCOME DEVELOPMENT IN SEPTIC PATIENTS
Gromova T.Yu.	M.V. Lomonosov Moscow State Academy of Fine Chemical Technology, Moscow, Russia	PROTEALYSIN: FROM FUNDAMENTALS TO BIOTECHNOLOGY
Dr. Gubaydullin I.I.	Institute of Biochemistry and Genetics, Ufa Scientific Centre RAS, Ufa, Russia	OBTEIN OF LECTINS WITH CHANGED CARBOHYDRATSPECIFICITY
Hambardzumyan A.A.	JSC, Institute of Biotechnology, Armenia, Yerevan, Armenia	THE IMPROVED METHOD OF L-ALANINE AND D-ASPARTATE SIMULTANEOUS OBTAINING FROM FUMARIC ACID
Ibragimova I.T.	“RENAM”, Moscow, Russia	AUTOMATIC SYSTEM FOR RECOGNITION AND CALCULATION CELLS IN BIOLOGICAL LIQUIDS OF ANIMALS
Dr. Ivanova A.V.	Ural State University of Economics, Ekaterinburg, Russia	ELECTROCHEMICAL METHODS AND SENSORS FOR ANALYSIS OF BIOLOGICAL FLUIDS AND FOODSTUFFS
Dr. Khodorenko A.V.	All-Russia Research Institute of Agricultural Microbiology, Saint-Petersburg, Russia	IMMUNOCYTOCHEMICAL ANALYSIS OF SPECIFIC MOLECULAR COMPONENTS ORGANISATION OF EXTRACELLULAR SYMBIOTIC COMPARTMENTS PROVIDED INTERACTION BETWEEN SYMBIOTIC PARTNERS DURING DEVELOPMENT OF ROOT NODULES OF PEA ( <i>PISUM SATIVUM</i> L.)
Kolotvin V.V.	Moscow State University of Applied Biotechnology, Moscow, Russia	DEVELOPMENT OF TEST – SYSTEM PCR FOR DETECTION BOVINE IMMUNODEFICIENCY VIRUS AND REVEAL PREVALENCE OF BIV INFECTION IN RUSSIAN CATTLE
Dr. Kostyunina O.V.	All-Russian State Research Institute of Animal Breeding of the RAAS, Moscow region, Russia.	POLYMORPHISM OF NCOA1 GENE IN PIGS OF DIFFERENT BREEDS
Dr. Krasnov M.S.	N.K. Kol'tsov Institute of Developmental Biology, RAS, Moscow, Russia	DEVELOPMENT OF OPHTHALMOLOGICAL DRUGS BASED ON THE ENDOGENOUS PEPTIDES
Kuznetsova E.V.	All-Russia Research Institute for Agricultural Microbiology RAAS, Saint-Petersburg, Russia	MAPPING OF THE GENE <i>Crt</i> OF <i>Pisum sativum</i> L. INVOLVED IN INTERACTIONS WITH SYMBIOTIC MICROORGANISMS
Dr. Kuznetsova M.V.	Institute of Ecology and Genetics of Microorganisms UB RAS, Perm, Russia	COMPARING OF CATALYTIC PROPERTIES OF NITRILE HYDRATASES FROM THE <i>RHODOCOCCUS</i> SPECIES

Dr. Lahodzich A. V.	Belarusian State University, Faculty of Biology, Genetics Department, Minsk, Belarus	PLASMIDS OF pBS72 FAMILY AS A BASIS FOR CREATION OF VECTOR SYSTEMS
Leppyanen I.V.	All-Russia Research Institute for Agricultural Microbiology, Saint-Petersburg, Russia.	EXPRESSION ANALYSIS OF EARLY NODULIN GENES THE <i>PSENOD5</i> AND THE <i>PSENOD12A</i> IN PEA MUTANTS BLOCKED IN SYMBIOSIS DEVELOPMENT ON THE DIFFERENT STAGES
Dr. Lescai F.	University of Bologna, Bologna, Italy	THE YOUNG EUROPEAN BIOTECHNOLOGISTS NETWORK: ACTIVITIES AND PERSPECTIVES FOR CO-OPERATION
Dr. Lisov A.V.	G. K. Skryabin Institute of Biochemistry and Physiology of Microorganisms, RAS, Pushchino, Moscow region, Russia.	OXIDATION OF PERSISTENCE COMPOUNDS BY HYBRID MN-PEROXIDASE IN PRESENCE OF MEDIATORS
Livshits V.A.	Bach Institute of Biochemistry, RAS, Moscow, Russia	SYNTHESIS AND ANTIVIRAL ACTIVITY STUDING OF ANIONIC DERIVATIVES OF <i>myo</i> -INOSITOL AND OTHER POLYOLS
Dr. Malikova N.P.	Institute of Biophysics, RAS, Siberian Branch, Krasnoyarsk, Russia	CA <sup>2+</sup> -REGULATED PHOTOPROTEINS AND THEIR "COLOR" MUTANTS AS BIOLUMINESCENT REPORTERS
Dr. Marchenko A.N.	State Research Institute for Genetics and Selection of Industrial Microorganisms, Moscow, Russia	THE P1 PROTEIN OF THE YEAST TRANSPOSON TY1 CAN BE USED FOR FORMATION OF FUNCTIONAL ANTIBODY ANTIGEN-BINDING DOMEN
Meremyanin A.V.	Bakh Institute of Biochemistry, RAS, Moscow, Russia	SUPPRESSION OF PROTEIN AGGREGATION BY NATURAL AND ARTIFICIAL CHAPERONES
Dr. Mikoulinskaia G.V.	Branch of Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry RAS, Moscow region, Russia	BACTERIOPHAGE T5 dNMP-KINASE IS EFFECTIVE INSTRUMENT FOR dNTP PRODUCTION
Dr. Minde D.	FG Mikrobielle Biotechnologie TU-München, München, Germany	HIGHLY THERMOPHILIC CELLULOLYTICS FROM COMPOST SOIL
Dr. Morozkina E.V.	A. N. Bach Institute of Biochemistry, RAS, Moscow, Russia	NEW ENZYMES OF EXTREMOPHILES AND THEIR BIOTECHNOLOGICAL POTENTIAL
Dr. Naumoff D.G.	State Institute for Genetics and Selection of Industrial Microorganisms, Moscow, Russia	A HIERARCHICAL CLASSIFICATION OF THE TIM-BARREL TYPE GLYCOSIDE HYDROLASES
Nekipelaya V.V.	Institute of chemical biology and fundamental medicine Sb. Ras., Novosibirsk, Novosibirsk, Russia	HUMAN MILK PROTEIN, INDUCING APOPTOSIS OF ADENOCARCINOMA MCF-7 CELLS
Nesterenko I.S.	Chemical Enzymology Division, Chemistry Department, Lomonosov Moscow State University, Moscow, Russia	DETERMINATION OF SULFONAMIDES IN HONEY BY POLARIZATION FLUORESCENCE IMMUNOASSAYS

Nosareva O.V.	FSRI SRC VB "Vector" of the Federal Service for Surveillance in Consumer Rights Protection and Human Well-being, Koltsovo, Novosibirsk Region, Russia	INVESTIGATION OF THE EXPERIMENTAL PREPARATION ON THE BASIS MYCOBACTERIUM ANTIGEN ESAT6
Novikov A.D.	GosNII Genetika, Moscow, Russia	CYANIDE-RESISTANT NITRILE HYDRATASES AS EFFECTIVE CATALYSATORS FOR CYANOHYDRINS HYDROLISES
Dr. Popov V.N.	Department of Plant Physiology and Biochemistry, Voronezh State University, Voronezh, Russia	ROLE OF PHYTOCHROME SYSTEM IN SUCCINATE DEHYDROGENASE ACTIVITY REGULATION IN GREEN LEAVES OF ARABIDOPSIS THALIANA L. MUTANTS
Rafieva L.M.	Institute of Molecular Genetics, RAS, Moscow, Russia	PRO-DEPENDENT FOLDING AND THE CONSTRUCTION OF ARTIFICIAL CHAPERONES
Ruban M.K.	Voronezh State University, Voronezh, Russia	STUDYING OF CHANGES OF STRUCTURALLY FUNCTIONAL PROPERTIES OF POLYHEMOGLOBIN OF THE PERSON, INDUCED BY VARIOUS MODIFIERS
Dr. Rumyantsev D.E.	Moscow State Forest University, Botany and Plant Physiology Department, Mitishi, Moscow region, Russia	POSSIBILITIES OF USING DENDROCHRONOLOGICAL INFORMATION TO STUDY FACTORS OF TIMBER HARVEST FORMATION
Dr. Sadykova V.S.	Siberian state university of technology, Krasnoyarsk, Russia	DEVELOPMENT OF A BIOPREPARATION ON THE BASE OF BIOCONTROL <i>TRICHODERMA</i> STRAINS ON PLANT COMPOUNDS OF TECHNOGENIC SPHERE
Dr. Safina D.R.	Institute of Molecular Genetics, RAS, Moscow, Russia	STUDY OF THE EFFECT OF PRONEUROTROPINS ON THE EMERGENCE AND DEVELOPMENT OF HUMAN NEUROLOGICAL DISEASES
Saveleva N.V.	St.-Petersburg state University, St.-Petersburg, Russia	CREATION AND THE ANALYSIS OF PLANTS-PRODUCERS BULL INTERFERON
Shulga E.V.	National Agrarian University of Ukraine (Ukrainian quality and safety laboratory of AIC products), Kiev, Ukraine	MAIN FEATURES OF ANTAGONISM OF <i>TRICHODERMA</i> SPP. IN CONCERN TO AN EDIBLE MUSHROOM <i>LENTINULA EDODES</i>
Dr. Sinitsyna O.A.	Department of Chemistry, M.V. Lomonosov Moscow State University, Moscow, Russia	PHYTASE FROM <i>PENICILLIUM CANESCENS</i>
Skomarovsky A.A.	Department of Chemistry, M.V. Lomonosov Moscow State University, Moscow, Russia	NOVEL CELLULASES FOR HIGH-EFFECTIVE HYDROLYSIS OF LYGNOSCELLULOSIC BIOMASS
Sotnikov D.V.	Institute of Biochemistry RAS, Moscow, Russia	REGISTRATION OF ENZYMATIC AND IMMUNOCHEMICAL REACTIONS BASED ON ACOUSTIC CHANGES IN SOLUTIONS
Dr. Tumaikina J.A.	Institute of Biochemistry and Physiology of Plants and Microorganisms, RAS, Saratov, Russia	INVOLVEMENT OF ELODEA CANADENSIS-BASED PLANT-MICROBIAL ASSOCIATION IN BIODEGRADATION OF AROMATIC HYDROCARBONS

Dr. Tsyganov V.E.	All-Russia Research Institute of Agricultural Microbiology, Saint-Petersburg, Russia	MUTATIONAL ANALYSIS OF CADMIUM INFLUENCE ON TUBULIN MICROTUBULAR ORGANIZATION IN ROOT APICES IN GARDEN PEA ( <i>PISUM SATIVUM</i> L.)
Vasilieva N.V.	G.K. Skryabin Institute of Biochemistry and Physiology of Microorganisms, RAS, Pushchino, Moscow region, Russia	SECRETION MECHANISM OF BACTERIOLYTIC ENZYMES OF <i>LYSOBACTER</i> SP. XL1 A MEDICAL PREPARATION LYSOAMIDASE PRODUCER
Voronin O.G.	Department of Chemistry, M.V. Lomonosov Moscow State University, Moscow, Russia	HYDROGEN ENZYME ELECTRODES FOR FUEL CELL BASED ON BIOELECTROCATALYSIS BY DIFFERENT HYDROGENASES
Yurkov A.P.	All-Russian Research Institute for Agricultural Microbiology, St. Petersburg-Pushkin-8, Russia	BLACK MEDIC AS A MODEL PLANT TO STUDY OF ARBUSCULAR MYCORRHIZA EFFICIENCY
Dr. Zhila N.O.	Institute of biophysics SB RAS, Krasnoyarsk, Akademgorodok, Russia	DISTRIBUTION OF RADIOACTIVITY AMONG BASIC MACROMOLECULES IN BACTERIA <i>RALSTONIA EUTROPHA</i> B5786 DURING ACCUMULATION AND INTRACELLULAR DEGRADATION OF POLYHYDROXYBUTYRATE
Zhernakov A.I.	All-Russia Research Institute for Agricultural Microbiology, St.-Petersburg, Pushkin 8, Russia	USING OF SYMBIOTIC SYSTEMS IN BIOREMEDIATION
Zhukov V.A.	All-Russia Research Institute for Agricultural Microbiology, St.-Petersburg, Pushkin 8, Russia	SEQUENCING OF THE KEY SYMBIOTIC GENE <i>SYM37</i> IN PEA <i>PISUM SATIVUM</i> L.