

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 <i>ALTERNARIA</i> 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>RHODOCOCCLUS</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 ²⁺ -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. Mikoulskaia 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. | GosNIIGenetika, 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. | Voronez State University, Voronez, 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 PRONEUROTROPHINS 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. |