

National Science Center

Agreement number	Title	Principal Investigator	Start date	End date	Project type
2023/49/N/NZ2/02102	The genetic basis underlying immune resistance in selected accessions of the model plant <i>A. thaliana</i> against the plant pathogen <i>Pectobacterium carotovorum</i>	Anastasia Satyr	2024-07-01	2025-06-30	Preludium 22
2023/50/E/NZ7/00501	Design and Development of Serine Hydroxymethyltransferase-2 (SHMT2) Inhibitors Blocking Tumor Growth	Milosz Ruskowski	2024-04-12	2029-04-11	Sonata Bis 13
2023/49/B/NZ5/03438	Ultrasensitive profiling of mutations driving tumorigenesis in hereditary syndromes associated with tumor suppressor genes inactivation	Katarzyna Klonowska	2024-03-01	2028-02-29	Opus 25
2023/49/N/NZ3/01108	Multimic characterization of neurogenerative processes in Zebrin-II positive and Zebrin-II negative Purkinje cells	Grażyna Adamek	2024-01-04	2027-01-03	Preludium 22
2023/07/X/NZ1/01669	Nanoscale visualization of AP2 adapter complex interaction with Hippocalcin during LTD-induced Clathrin-mediated AMPA receptor endocytosis using MINFLUX superresolution microscopy	Volodymyr Cherkas	2023-11-28	2024-11-27	Miniatura 7
2023/07/X/ST5/01635	Azidophosphates as a chemical marker in bioconjugation of nucleic acids	Marta Rachwałak	2023-11-28	2024-11-27	Miniatura 7
2023/07/X/NZ2/01222	Investigation of the new functions of unconventional myosin operating in the mammalian brain	Weronika Wendlandt-Stanek	2023-11-28	2024-11-27	Miniatura 7
2022/47/B/NZ9/01440	tRNA-derived fragments as stress responsive and regulating agents in soybean	Agata Tyczewska	2023-10-02	2027-10-01	Opus 24
2023/07/X/HS4/00406	Conditions for the development of bioeconomy from a regional perspective	Ewa Woźniak-Gientka	2023-09-05	2024-09-04	Miniatura 7
2022/47/B/NZ9/00443	Functional characterization of ABCG transporters present in <i>Medicago truncatula</i> seeds	Michał Jasiński	2023-09-01	2027-08-31	Opus 24
2022/04/Y/NZ2/00119	Molecular Mechanisms of Dietary Intervention on Neurodegeneration	Maciej Figiel	2023-06-01	2026-05-31	JPND Call
2022/45/B/NZ9/03572	Description of the key mechanisms of coordination and prioritization of barley's response to simultaneous biotic and abiotic stresses - a multimic approach	Anna Piasecka	2023-04-03	2027-04-02	Opus 23
2023/05/Y/NZ3/00160	(Micro)RNA and informatics approaches for diagnosis, prognosis and treatment of Alzheimer's disease and Dementia	Agnieszka Fiszer	2023-04-02	2027-04-01	JPND Call
2022/45/B/ST4/03586	Termodynamika modyfikowanych RNA. Wpływ modyfikacji RNA na strukturę i funkcje naturalnych RNA oraz transkrybowanych in vitro szczepionkowych mRNA (IVT mRNA)	Ryszard Kierzek	2023-03-01	2027-02-28	Opus 23
2022/45/N/NZ2/03622	Game of Tails: Understanding the role of 3'-end processing of long noncoding RNAs during zebrafish development	Monika Kwiatkowska	2023-03-01	2025-02-28	Preludium 21
2022/45/N/NZ3/01283	Microscopic identification of proteins involved in DNA repair of CAG repeats regions	Mateusz Nowaczyk	2023-01-23	2024-12-22	Preludium 21
2022/45/B/NZ7/03543	Crystallographic analysis of RNA-ligand complexes. Towards rational design of lead compounds for development of therapies against neurodegenerative disorders	Agnieszka Kiliszek	2023-01-20	2027-01-19	Opus 23
2021/43/D/NZ7/02879	Structure-guided design of histone demethylase inhibitors for cancer therapy	Piotr Malecki	2022-12-15	2025-12-14	Sonata 17
2021/43/B/NZ2/02796	Comprehensive phosphoproteomic analysis of NKT cells in the context of the role of phosphorylation mechanisms in progression of atherosclerosis in chronic kidney disease	Magdalena Łuczak	2022-12-09	2026-12-08	Opus 22
2021/41/B/NZ7/03910	Thrombin binding aptamer with expanded chemical diversity as potential anticoagulant and anticancer agent	Weronika Kotkowiak	2022-11-30	2025-11-29	Opus 21
2022/06/X/NZ7/01747	Bioprinting of cancer-derived organoids from patient tissue for predictive toxicology research and drug development	Dariusz Wawrzyniak	2022-11-23	2024-11-22	Miniatura 6
2022/44/C/NZ1/00085	The puzzling structure of Grainyhead-like human transcription factors involved in tumor growth regulation	Maria Rutkiewicz	2022-11-02	2025-11-01	Sonatina 6
2021/43/O/NZ1/01590	Non-canonical pre-mRNA splicing participates in the editing of CNBP mutant allele in myotonic dystrophy type 2 (DM2)	Marzena Wojciechowska	2022-10-01	2026-09-30	Preludium Bis 3
2021/43/O/NZ2/01626	The role of transposable elements and epigenetic regulation of gene expression in <i>Medicago truncatula</i> root nodules development	Agnieszka Żmieńko	2022-10-01	2026-09-30	Preludium Bis 3
2022/06/X/NZ1/00714	Development of an efficient method of production of WRKY group IIa transcription factors from <i>Arabidopsis thaliana</i> for further structural studies	Marta Grzechowiak	2022-10-01	2024-03-31	Miniatura 6
2021/43/B/NZ7/01611	Search for Inhibitors of Human δ 1-Pyrroline-5-Carboxylate Reductase 1 (PYCR1) as Lead Molecules for the Development of Novel Anticancer Drugs	Miłosz Ruskowski	2022-09-12	2026-09-11	Opus 22
2021/43/D/NZ3/03006	Elucidating neurodegenerative processes using direct profiling of selectively vulnerable neurons	Paweł Światoński	2022-09-01	2025-08-31	Sonata 17
2021/43/B/NZ3/00672	New mechanisms determining MFT-mediated sensitivity to abscisic acid during the germination of <i>Medicago truncatula</i> seeds kiełkowania	Joanna Banasiak	2022-09-01	2025-08-31	Opus 22
2021/43/B/NZ7/02221	Exosomes as a potential biomarker for monitoring and predicting kidney allograft rejection	Anna Wojakowska	2022-08-12	2026-08-11	Opus 22
2021/43/B/ST4/01570	Synthesis and structural/biophysical studies of model mRNA/mt-tRNA oligomers to evaluate the role of modified nucleosides (m5C, hm5C, f5C, ca5C, m1G) in translation and human diseases	Witold Andrałojć	2022-07-21	2026-07-20	Opus 22
2021/43/B/NZ2/01615	Searching for new therapeutic targets in polyglutamine diseases	Marta Olejniczak	2022-07-01	2026-06-30	Opus 22
2021/42/E/NZ2/00434	Functional or not functional? Studying positionally conserved vertebrate lncRNA orthologues at subcellular resolution	Barbara Uśczyńska-Ratajczak	2022-06-01	2027-05-31	Sonata Bis 11
2021/41/B/NZ2/03781	Close Encounters of the Third Kind: what happens when ribonuclease Dicer encounters in the cell RNA and DNA adopting G-quadruplex structures	Anna Kurzyńska-Kokorniak	2022-03-01	2026-02-28	Opus 21
2021/41/N/NZ1/04030	Relationship between ATPase activity stimulation and transport - the case of selective <i>Medicago truncatula</i> ABCG transporter	Konrad Pakula	2022-02-07	2023-09-06	Preludium 20
2021/41/N/NZ3/04060	Exploring Ty3 genomic RNA structure during retrotransposition in yeast	Angelika Andrzejewska-Romanowska	2022-02-07	2025-02-06	Preludium 20
2021/41/N/NZ1/03860	The use of artificial miRNAs in the therapy of Huntington's Disease	Anna Kotowska-Zimmer	2022-02-01	2025-01-31	Preludium 20
2021/41/B/NZ2/03881	Investigation of a new therapeutic strategy to lower mutant protein in SCA3 / MJD	Maciej Figiel	2022-02-01	2026-01-31	Opus 21
2021/41/B/NZ3/03803	Function and dysfunction of repeated tracts in non-coding and protein-coding transcripts	Agnieszka Fiszer	2022-02-01	2026-01-31	Opus 21
2021/41/B/NZ1/03819	Antiviral strategies targeting RNA: Triplex forming peptide nucleic acids (PNA) and their small molecule conjugates specific to conserved RNA motifs in Influenza A and SARS-CoV-2	Elżbieta Kierzek	2022-02-01	2026-01-31	Opus 21
2021/41/N/NZ2/03047	Investigation of DNA repair mechanisms in DRPLA model using CRISPR-Cas system	Magdalena Dąbrowska	2022-01-25	2024-01-24	Preludium 20
2021/41/N/NZ2/03849	The cellular RNA interactome of the human Dicer helicase domain	Kinga Ciechanowska	2022-01-21	2024-01-20	Preludium 20
2021/41/B/NZ9/03765	Airborne microbiome - characterization of microorganisms inhabiting particulate matter of urban areas and their impact on human health	Anna Philips	2021-12-28	2025-12-27	Opus 21

2021/05/X/NZ1/01778	Understanding the structural determinants of interactions between the PPC cassette of human ribonuclease Dicer and the RNA/ DNA molecules adopting G quadruplex structures	Kamil Szpotkowski	2021-12-15	2022-12-14	Miniatura 5
2021/05/X/NZ7/01440	Preliminary studies on the development of a general strategy for residence time prolongation and selectivity enhancement of known, broad-spectrum activity inhibitors as exemplified for cycline-dependent kinases (CDK)	Michał Jakubczyk	2021-12-15	2022-12-14	Miniatura 5
2019/34/H/NZ2/00584	Life at the limits: diversity, adaptation strategies and bioprospecting of microbes living in Arctic deep sea habitats	Wojciech Rypniewski	2021-12-10	2024-04-09	Projekty Programu Polsko-Norweskiej Współpracy Badawczej GRIEG
2021/05/X/NZ2/00795	Development of the new method of RNA 3' ends sequencing using Nanopore technology	Arkadiusz Kajdasz	2021-12-02	2022-12-01	Miniatura 5
2021/05/X/NZ1/00948	Effects of small-molecule ligands, selectively targeting the MALAT1 RNA triple helix, on the formation of the MALAT1/METTL16 complex	Agnieszka Ruskowska	2021-12-02	2023-06-01	Miniatura 5
2021/05/X/NZ7/00450	Optimization of bioprinting conditions to establish 3D hepatocellular carcinoma model as a screening platform for searching compounds with therapeutic potential	Dorota Gurda-Woźna	2021-11-03	2022-11-02	Miniatura 5
2021/05/X/NZ3/00684	Identification of proteins abolishing the interaction of the PABPC1 protein with the poly(A) tail of mRNA in early apoptosis	Damian Janecki	2021-11-03	2022-11-02	Miniatura 5
2020/39/B/NZ2/03426	Molecular basis of glucosinolate modification and activation in the immunity of Brassicaceae species	Paweł Bednarek	2021-10-04	2025-10-03	Opus 20
2021/40/C/NZ3/00323	Aggregates of toxic polyglycine protein: in the spotlight. Understanding of formation and degradation processes	Magdalena Derbis	2021-10-04	2024-10-03	Sonatina 5
2021/05/X/NZ1/00255	Production of the MtABC46 protein in a heterologous system - preparation for structural analysis	Wanda Biała-Leonhard	2021-10-01	2023-01-31	Miniatura 5
2021/40/C/NZ4/00326	Psychedelics as Therapeutic Candidates in Neurodegenerative Disorders Treatment – a Study in Spinocerebellar Ataxia Type 3 Mouse Model	Urszula Kozłowska	2021-10-01	2024-09-30	Sonatina 5
2021/40/C/NZ4/00326	Psychedelics as Therapeutic Candidates in Neurodegenerative Disorders Treatment – a Study in Spinocerebellar Ataxia Type 3 Mouse Model	Urszula Kozłowska	2021-10-01	2024-09-30	Sonatina 5
2020/39/B/NZ9/00784	ABCG driven transport of phenylpropanoids in <i>Medicago truncatula</i> - a versatile but adapted scenario	Michał Jasiński	2021-09-30	2021-09-30	Opus 20
2020/39/B/NZ3/01811	Cell-based high-throughput screening for small-molecule compounds diminishing molecular markers of pathogenesis in myotonic dystrophy type 2 (DM2)	Marzena Wojciechowska	2021-09-20	2025-09-19	Opus 20
2020/39/B/NZ1/03054	Input of the structure of influenza A virus RNA on regulation of virus proliferation. High throughput screening of small molecules towards inhibition of influenza virus replication	Elżbieta Kierzek	2021-09-01	2025-08-31	Opus 20
2020/39/B/NZ3/03020	Transcriptome-wide analysis of RNA structure in the cell and across cellular compartments, and identification of the impact of cellular factors on RNA structure in <i>S. cerevisiae</i>	Katarzyna Pachulska-Wieczorek	2021-09-01	2025-08-31	Opus 20
2020/39/D/ST4/03177	Anti-cancer strategy based on the induced G-quadruplex formation. Structural and biological properties of ligand-RNA/mRNA complexes	Dorota Gudanis	2021-09-01	2025-08-31	Sonata 16
2020/39/D/NZ6/03267	Long noncoding RNA - new aim of anti-influenza therapy	Marta Soszyńska-Jóźwiak	2021-09-01	2025-08-31	Sonata 16
2020/39/D/NZ2/03106	The effect of cancer somatic mutations in miRNA genes on the functioning of these genes and their potential role in cancer	Paulina Gałka-Marciniak	2021-09-01	2024-08-31	Sonata 16
2021/05/X/NZ2/00063	Generation of a new cellular model based on the CRISPR-Cas technology (enChIP) to study mechanisms of DNA repair in microsatellite regions	Paweł Śledziński	2021-08-31	2022-08-30	Miniatura 5
2020/39/B/NZ5/01970	Identification of cancer-driver mutations in non-coding parts of protein-coding genes and long non-coding RNA genes	Piotr Kozłowski	2021-08-24	2025-08-23	Opus 20
2020/39/B/NZ9/03336	Why cells become smaller to survive? Analysis of tobacco BY2 cells adapted to osmotic and salt stress in the search of key regulatory factors between energy management, molecular homeostasis and the size of the chronically stressed plant cells	Łukasz Marczak	2021-08-02	2026-08-01	Opus 20
2020/39/B/NZ7/01519	Enzymes of the L-methionine biosynthetic pathway as novel molecular targets for antifungal chemotherapy	Wojciech Rypniewski	2021-07-08	2025-07-07	Opus 20
2020/37/B/NZ7/02008	Foldback triplex-forming oligonucleotides as novel tools for G-quadruplex unfolding and selective inhibition of c-Myc oncogene transcription	Anna Pasternak	2021-04-01	2025-03-31	Opus 19
2020/37/B/ST4/03182	Lanthanide binding oligonucleotides (LBOs) as paramagnetic tags for NMR spectroscopy of nucleic acids	Witold Andrałojć	2021-04-01	2025-03-31	Opus 19
2020/37/B/NZ3/03633	Non-coding RNAs at single-cell resolution in the pituitary gland and their role in the regulation of gene expression	Monika Piwecka	2021-02-01	2026-01-31	Opus 19
2020/37/B/NZ5/03249	Application of small compounds in the epigenetic therapy of malignant brain gliomas	Mirosława Naskręt-Barciszewska	2021-02-01	2024-12-31	Opus 19
2020/37/B/NZ1/03250	Novel L-asparaginases as potential therapeutic agents and antimicrobial targets: structural and functional studies of enzymes with dual implications for drug design	Mariusz Jaskólski	2021-02-01	2026-01-31	Opus 19
2020/04/X/NZ1/01959	Preliminary research on the chemical programming of fungi using <i>Ramularia collo-cygni</i> as a model	Dorota Jakubczyk	2020-12-12	2021-12-11	Miniatura 3
2020/04/X/NZ7/01461	Analysis of apro-regenerative and antioxidant properties of 4-N-furfurylcytosine in an animal model of <i>Schmidtea mediterranea</i> (Planaria)	Agnieszka Fedoruk-Wyszomirska	2020-12-12	2022-04-14	Miniatura 4
2019/33/B/NZ5/02473	Deciphering the molecular causes and consequences of circular RNAs elevated expression levels in myotonic dystrophy type 1 (DM1)	Marzena Wojciechowska	2020-11-27	2024-11-26	Opus 17
2020/04/X/NZ3/00731	Experimental validation of spinocerebellar ataxia type 3 pathogenesis markers that were identified by high throughput methods	Grzegorz Figura	2020-11-19	2021-11-18	Miniatura 4
2019/35/B/NZ2/02658	Comprehensive analysis of the <i>Schmidtea mediterranea</i> transcriptome – identification of non-coding RNAs involved in cell lineage development during regeneration	Paulina Jackowiak	2020-11-02	2025-11-01	Opus 18
2019/34/A/NZ3/00223	COLD-INDUCED TORPOR: Molecular mechanisms and manipulation for enhanced cellular preservation	Rafał Ciosek	2020-10-01	2021-03-18	Maestro 11
2020/36/T/NZ2/00127	The use of genome editing systems in experimental therapy of polyglutamine diseases	Magdalena Dąbrowska	2020-10-01	2021-09-30	Etiuda 8
2019/35/O/NZ1/03535	Allele-selective therapy for polyglutamine diseases with the use of RNA interference technology	Marta Olejniczak	2020-10-01	2024-09-30	Preludium Bis 1
2019/35/B/NZ3/03503	REGE-1 and RLE-1-dependent mRNA decay: The “R2-co” model of messenger RNA silencing	Rafał Ciosek	2020-09-30	2021-03-18	Opus 18
2019/35/B/NZ1/03731	Interspecies metabolic engineering as a tool to investigate immune functions of plant specialized metabolites	Paweł Bednarek	2020-09-30	2025-03-29	Opus 18
2020/36/C/NZ9/00221	Antibiotic resistance genes and integrons as indicators of biotic pollution and resistance load of Arctic ecosystems	Nicoletta Makowska-Zawierucha	2020-09-02	2023-09-01	Sonatina 4

2019/35/D/NZ6/01479	The G-rich sequences in the influenza A virus genome – structural features and potential biological function in viral replication cycle	Marta Szabat	2020-09-01	2024-08-31	Sonata 15
2019/35/N/NZ7/02777	Novel bispecific G-quadruplex conjugates as potential anticancer agents	Carolina Pereira Roxo	2020-07-06	2024-03-05	Preludium 18
2019/35/D/NZ7/03637	Chemical architecture of fluorinated nucleoside dimers containing 1,2,3-triazole linker of potential use in molecular biology and medicine	Dagmara Baraniak	2020-06-25	2025-06-24	Sonata 15
2019/35/N/NZ1/01954	Arc as a neuronal Gag. Exploring the viral properties and functions of a master regulator of synaptic plasticity	Julita Gumna	2020-06-19	2024-06-18	Preludium 18
2019/35/B/ST4/03559	Exploring the sequence-structure relationship as a starting point for the design of DNA G-quadruplexes with a given topology - an integrative approach combining molecular simulations with experimental methods	Zofia Gdaniec	2020-06-19	2025-06-18	Opus 18
2020/01/0/NZ6/00137	SARS-CoV-2 RNA, target for inhibition of virus replication	Elżbieta Kierzek	2020-06-15	2021-12-14	Fast Track COVID 19
2020/01/0/NZ6/00152	TMPRSS2 – a potential new drug target and a determinant of COVID19 outcome	Paweł Zmora	2020-06-05	2021-12-04	Fast Track COVID 19
2020/01/0/NZ1/00134	Validation of PDB models of potential drug design targets for SARS-CoV-2 coronavirus	Mariusz Jaskólski	2020-06-05	2021-12-04	Fast Track COVID 19
2019/33/B/NZ1/02260	Defining roles of LINE-1 mRNA 5' and 3' ends in the retrotransposon biology	Zbigniew Warkocki	2020-03-02	2025-03-01	Opus 17
2019/33/B/ST4/01422	Thermodynamic parameters and rules towards the determination of RNA folding in vivo-like conditions. RNA folding predictions for a better understanding of their structure and function in mammalian cells	Ryszard Kierzek	2020-02-25	2025-02-24	Opus 17
2018/31/F/NZ1/03891	Molecular basis for influenza virus activation by type II transmembrane serine proteases	Paweł Zmora	2020-01-15	2024-01-14	Beethoven Life 1
2019/03/X/ST4/00828	Functionalization of nucleic acids by means of thermo-sensitive switches	Jolanta Brzezińska	2019-12-19	2021-08-18	Miniatura 3
2019/03/X/NZ2/00739	Point mutations of the SOD1 gene as targets for the allele-selective antisense strategy	Dorota Magner	2019-11-22	2020-11-21	Miniatura 3
2019/03/X/NZ4/00286	The effect of normal and mutated ataxin 3 on the immune system in the context of pathogenesis of cerebellum cerebellar ataxia type 3	Łukasz Przybył	2019-11-07	2020-11-06	Miniatura 3
2019/03/X/ST4/00197	Synthesis and characterization of pH-dependent probe conjugates and oligonucleotides forming triplex structures	Michał Gładysz	2019-11-07	2020-11-06	Miniatura 3
2018/30/E/NZ3/00624	Functional implications of brain-enriched circular RNAs	Monika Piwecka	2019-11-04	2024-11-03	Sonata Bis 8
2019/03/X/NZ1/00027	Study of the secondary structure of the 5' terminal region of the Δ133p53 mRNA encoding the Δ133p53 and Δ160p53 p53 isoforms and determination of the properties of this region in the translation process	Paulina Żydowicz-Machtel	2019-10-10	2020-10-09	Miniatura 3
2019/32/T/NZ3/00504	Discovering the molecular mechanisms of neurodegeneration in Ki91 knock-in mouse model during progression of spinocerebellar ataxia type 3	Kalina Wiatr	2019-10-01	2020-09-30	Etiuda 7
2018/31/B/NZ3/03621	Discovering disorders of brain development in Huntington disease as a consequence of putative total huntingtin deficiency in HD, using juvenile HD iPSC and fused brain organoids	Maciej Figiel	2019-09-30	2023-09-29	Opus 16
2018/31/D/NZ1/03630	Histidine Biosynthetic Pathway in Plants: Structural and Functional Studies as a Framework for the Design of Inhibitors and Activators	Miłosz Ruskowski	2019-09-26	2023-08-25	Sonata 14
2018/31/B/NZ1/03580	Mechanisms and developmental roles of transcription termination	Takashi Miki	2019-09-03	2023-05-02	Opus 16
2018/31/B/NZ2/01940	Shedding new light on genome's dark matter: identification of novel long non-coding RNAs in zebrafish	Barbara Uszczyńska-Ratajczak	2019-09-03	2023-09-02	Opus 16
2018/31/D/ST4/01467	NMR structural studies of 8-17 and I-R2 DNAzymes	Witold Andrałojć	2019-09-02	2024-09-01	Sonata 14
2018/31/N/ST5/03589	Exploring second generation of nucleotide analogues containing phosphoranesulfen- or phosphoraneselenamides as new structural motifs	Justyna Gołębiowska	2019-08-30	2021-08-29	Preludium 16
2018/31/B/NZ3/03626	Impact of subcellular localization on the specificity of selected enzymes involved in the biosynthesis and metabolism of bioactive sulfur-containing compounds from Brassicaceae plants	Paweł Bednarek	2019-08-01	2024-03-31	Opus 16
2018/29/B/ST4/01498	Small molecule tools to investigate local microenvironment of proteins	Jacek Kolanowski	2019-07-01	2024-06-30	Opus 15
2018/30/E/NZ1/00729	Inhibition of S-adenosyl-L-homocysteine hydrolase from Pseudomonas aeruginosa by targeting the enzyme dynamics	Krzysztof Brzeziński	2019-04-30	2025-04-29	Sonata Bis 8
2018/02/X/NZ5/03028	Rescuing Friedreich's ataxia phenotype by transcription progression	Julia Misiorek	2019-03-30	2020-03-29	Miniatura 2
2018/29/B/NZ1/00293	Investigation of DNA double-strand break repair mechanisms in microsatellite regions using the CRISPR/Cas system	Marta Olejniczak	2019-01-14	2023-01-13	Opus 15
2018/02/X/ST5/02409	Synthesis of a new type of nucleotide analogues with P-N bond as potential anti-HIV pronucleotides	Joanna Romanowska	2019-01-04	2020-01-02	Miniatura 2
2018/02/X/NZ3/02233	Preliminary characterization of the function of ERD6 membrane protein in glucosylate transport in Arabidopsis immunity	Marta Pastoreczyk-Szenkier	2018-12-19	2019-12-18	Miniatura 2
2018-02/X/NZ1/01797	Obtaining PR-10 isoforms from Hypericum perforatum, as potential melatonin receptors and mediators of phytohormone signal, and preliminary crystallographic characteristics of their complexes with natural ligands	Joanna Sliwiak	2018-12-03	2019-12-02	Miniatura 2
2018/02/X/NZ8/01334	The origin of the population living in today's Poland in the I-IV century-initial isotope analysis of strontium	Małgorzata Marcinkowska-Swojak	2018-11-02	2019-11-01	Miniatura 2
2017/26/E/NZ3/01004	The characteristic of the regulatory RNAs landscape in glioblastoma multiforme (GBM). Circular RNAs and micro RNA-like molecules as new players in gliomagenesis and GBM progression and their importance for glioblastoma stem cells	Katarzyna Rolle	2018-10-15	2024-10-14	Sonata Bis 7
2018/28/C/NZ1/00497	Pioneering structural and functional studies of miRNA G-quadruplexes	Agnieszka Belter	2018-09-20	2023-06-19	Sonatina 2
2017/27/B/NZ1/01090	Molecular basis of the selective transport fulfilled by plant ABCG proteins	Michał Jasiński	2018-09-17	2021-09-16	Opus 14
2017/26/D/NZ2/01079	Contribution of gene copy number polymorphism to natural variation in response of Arabidopsis thaliana ecotypes to biotic stress	Agnieszka Żmieńko	2018-09-17	2022-09-16	Sonata 13
2017/27/B/NZ1/02201	The study of chitinolytic enzymes, aiming at constructing an artificial chitinosome	Wojciech Rypniewski	2018-09-03	2024-09-02	Opus 14
2017/26/D/NZ1/00887	Mechanisms of human gene expression regulation by uridilation	Zbigniew Warkocki	2018-07-02	2023-07-01	Sonata 13
2017/27/B/NZ1/01416	Changes in the ribosomal protein composition and in the ribosome-associated small noncoding RNAs in Saccharomyces cerevisiae as a response to environmental stress	Kamilla Grzywacz	2018-06-29	2022-09-28	Opus 14
2017/26/D/NZ1/01234	Caged bioluminescent substrates for a selective molecular imaging of biochemical parameters in cancer	Jacek Kolanowski	2018-06-05	2023-06-04	Sonata 13
2017/26/E/NZ1/00950	Development of methodology aiming at stabilisation of RNA in a hairpin form for crystallographic studies	Agnieszka Kiliszek	2018-06-04	2025-06-03	Sonata Bis 7
2017/25/B/NZ7/02162	Anti-aging properties of 4-N-furfurylcytosine in age-differentiated eukaryotic cells, budding yeast and mouse model of aging	Eliza Wyszko	2018-04-17	2023-10-16	Opus 13
2017/25/B/NZ3/02173	Functional crosstalk between circRNAs and extracellular matrix (ECM) - the importance for glioblastoma stem cells (GSC) and epithelial-mesenchymal transition (EMT) in brain tumors	Katarzyna Rolle	2018-04-16	2023-04-15	Opus 13
2017/26/D/NZ2/00964	Identification of biomolecules released by colorectal cancer cells and detected in serum or/and exosomes	Anna Wojakowska	2018-04-13	2023-07-12	Sonata 13

2017/25/B/ST5/00971	Synthesis and structural studies of oligonucleotides with tRNA anticodon stem-loop sequences containing newly discovered modified nucleosides: ct6A, ms2ct6A, ges2U	Zofia Gdaniec	2018-02-21	2022-02-20	Opus 13
2018/02/X/NZ2/02214	Mutagenesis of biosynthetic pathways for secondary metabolites of <i>Brachypodium distachyon</i> model grass	Karolina Krystkowiak	2018-02-19	2019-02-18	Miniatura 2
2017/25/N/NZ2/00221	Copy number polymorphism of microRNA genes in <i>Arabidopsis thaliana</i> accessions and its impact on the post-transcriptional regulation of their target genes' expression	Anna Samełak-Czajka	2018-02-14	2021-08-13	Preludium 13
2017/01/X/NZ2/01906	Exome analysis of acute myeloid leukemia patients	Luiza Handschuh	2018-02-09	2019-02-08	Miniatura 1
2017/25/B/NZ7/00127	Structural determinants of anticancer properties of G-rich oligonucleotides	Anna Pasternak	2018-01-30	2022-01-29	Opus 13
2017/25/B/NZ1/02269	Cotranscriptional folding of influenza virus RNA in MDCK cells in presence of antisense oligonucleotides. A new method for next-generation sequencing based chemical mapping of RNA structure	Ryszard Kierzek	2018-01-30	2022-01-29	Opus 13
2017/24/C/NZ1/00219	Function of secondary structure of influenza A virus vRNA in ribonucleoprotein complex during viral life cycle	Elżbieta Lenartowicz	2017-11-10	2021-11-09	Sonatina 1
2017/01/X/ST5/00577	New 3,6,9-trisubstituted 9-H-carbazole derivatives as potential fluorescent probes for the detection of DNA and RNA quadruplexes	Daniel Baranowski	2017-10-10	2018-10-09	Miniatura 1
2017/01/X/ST5/00589	The use of chemically modified RNA quadruplexes in antisense therapy	Dorota Gudanis	2017-10-10	2018-10-09	Miniatura 1
2017/01/X/ST5/00680	Synthesis of novel porphyrin derivatives with potential application in photodynamic therapy (PDT)	Zofia Jahnz-Wechmann	2017-10-10	2018-10-09	Miniatura 1
2016/23/N/ST5/03024	N-Oxide phosphobetaines in new synthetic strategies for P-modified phosphates and polyphosphates of natural biomolecules and their analogues	Magdalena Materna	2017-09-20	2019-12-19	Preludium 12
2017/01/X/ST5/00381	Synthesis of new pyrimidine nucleoside dimers analogues containing a 1,2,3-triazole linkage of potential application in medicine	Dagmara Baraniak	2017-09-19	2018-09-18	Miniatura 1
2016/23/N/NZ1/02446	Designing a new method for direct identification and absolute quantification of premature transcription termination events, following the example of bacterial riboswitches	Piotr Machtel	2017-09-13	2020-09-12	Preludium 12
2017/01/X/NZ2/00144	Copy number variation of <i>Arabidopsis thaliana</i> MSH2 gene - the structure of duplication, range of polymorphism in natural ecotypes and its impact on the expression of genes involved in DNA mismatch repair pathway	Agnieszka Żmieńko	2017-08-23	2018-08-22	Miniatura 1
2016/23/D/NZ1/02565	How RNA structure governs messenger RNA function? Exploring structural and functional aspects essential for synthesis of p53 protein - a master regulator of vital cellular functions	Leszek Błaszczyk	2017-08-17	2023-02-16	Sonata 12
2016/22/A/NZ2/00184	Analysis of somatic mutations in miRNA and miRNA-biogenesis genes to identify new therapeutic targets and biomarkers of cancer	Piotr Kozłowski	2017-05-15	2024-05-14	Maestro 8
2016/22/E/NZ3/00426	RNA structures and interactions with Gag protein that specify Ty1 RNA functions during retrotransposon replication	Katarzyna Pachulska-Wieczorek	2017-05-08	2022-12-07	Sonata Bis 6
2016/22/E/NZ1/00422	Unknown areas of activity of human ribonuclease Dicer	Anna Kurzyńska-Kokorniak	2017-05-08	2023-05-07	Sonata Bis 6
2016/21/B/ST8/00477	New, multifunctional nanoparticles for combined photothermal and gene silencing cancer therapy	Jan Barciszewski	2017-04-13	2021-10-12	Opus 11
2016/21/N/NZ1/00565	Modified siRNAs, ribozymes and CRISPR/Cas system as strategies for influenza A virus inhibition. Application and comparison of RNA-targeting methods	Julita Piasecka	2017-03-16	2021-03-15	Preludium 11
2016/21/N/NZ1/00564	Catalytic RNS's as a tool for human mitochondrial biotechnology	Paweł Głodowicz	2017-03-15	2021-03-14	Preludium 11
2016/21/N/NZ5/00508	Ekspresja of circular RNA in myotonic dystrophy type I - implications to pathogenesis	Karol Czubak	2017-03-14	2020-03-13	Preludium 11
2016/21/D/NZ5/01906	Bifunctional antisense oligonucleotides - optimization of alternative splicing regulation in cancer cell lines	Jolanta Lisowiec-Wąchnicka	2017-03-02	2021-03-01	Sonata 11
2016/21/D/NZ3/00641	Histone demethylase JMJD3 as an epigenetic regulator in the senescence-associated secretory phenotype and cancer	Patrick Perriguet	2017-02-17	2020-11-16	Sonata 11
2016/21/B/NZ2/03468	Impact of noncoding RNAs on renal cell development and carcinogenesis	Jan Wrzesiński	2017-02-16	2021-08-15	Opus 11
2016/21/B/NZ1/02832	The role of protein factors that bind to the 5'non-coding region of human p53 mRNA in regulation of p53 expression at the translational level	Jerzy Ciesiołka	2017-02-16	2021-08-15	Opus 11
2015/19/B/NZ3/02412	Cytoplasmatic roadblocks in cell fate reprogramming: from players to molecular mechanisms	Rafał Ciosk	2016-11-30	2020-11-29	Opus 10
2016/20/W/ST5/00478	Supramolecular Peptide Organic Frameworks (POFs)	Mariusz Jaskólski	2016-11-10	2022-11-09	Symfonia 4
2015/19/D/NZ5/02183	RAN translation at CAG repeats in spinocerebellar ataxia type 3	Magdalena Jazurek-Ciesiołka	2016-09-01	2023-02-28	Sonata 10
2015/19/N/NZ5/02246	Anticoagulant and antiproliferative properties of novel thrombin binding aptamer analogues	Weronika Kotkowiak	2016-08-09	2018-02-08	Preludium 10
2015/19/N/NZ5/02247	The APOBEC3B deletion - analysis of its role in familial breast cancer predisposition and determination of its consequences on mRNA level	Katarzyna Klonowska	2016-08-09	2019-08-08	Preludium 10
2015/19/B/NZ1/02804	Role of microRNAs in regulation iron metabolism in Friedreich's ataxia	Marek Napierała	2016-07-14	2020-04-13	Opus 10
2014/19/B/NZ2/02453	Identification of CAG repeat-binding proteins and imaging RNA-protein interactions in cells	Włodzimierz Krzyżosiak Adam Ciesiołka	2016-06-20	2021-06-19	Opus 10
2015/19/B/NZ1/02803	In vivo and in vitro structure of influenza virus RNA. The structural determinants behind the inhibition of influenza virus proliferation with modified antisense oligonucleotides, siRNAs and small molecule ligands	Elżbieta Kierzek	2016-06-20	2020-06-19	Opus 10
2015/19/B/NZ2/02450	Molecular mechanism of atherosclerosis progression in chronic kidney disease	Magdalena Łuczak	2016-06-20	2021-12-19	Opus 10
2015/19/B/NZ9/03548	The role of membrane transporters in the cytokinin signaling upon Legume-Rhizobia Symbiosis	Michał Jasiński	2016-06-15	2020-12-14	Opus 10
2015/18/M/NZ1/00406	Function of plant secondary metabolites in microbe-induced growth promotion	Paweł Bednarek	2016-05-13	2020-10-12	Harmonia 7
2015/18/E/NZ2/00678	The use of genetic tools in experimental therapy of polyglutamine diseases	Marta Olejniczak	2016-04-18	2021-10-17	Sonata Bis 5
2015/17/N/NZ2/01916	MicroRNA profiling in cellular models of Huntington's disease generated using iPSC technology	Emilia Kozłowska	2016-03-15	2021-03-14	Preludium 9
2015/17/N/NZ3/03626	Structure and function of Glod4 protein	Olga Utyro	2016-03-14	2020-03-13	Preludium 9
2015/17/N/NZ3/03629	Imaging miRNA biogenesis pathway and cellular localization of RNA interference triggers	Martyna Urbanek-Trzeciak	2016-03-09	2019-12-08	Preludium 9
2015/17/B/NZ2/01182	Analysis of the role of BARD1 gene in genetic predisposition to breast cancer - utilization of unique strategy of association analysis of founder mutations	Piotr Kozłowski	2016-03-01	2021-08-31	Opus 9
2015/17/B/ST5/01467	Catalytic nucleic acids in of the new generation in the regulation of genetic information	Jan Barciszewski	2016-02-26	2020-02-25	Opus 9
2015/17/B/NZ1/00871	Molecular mechanisms underlying loss of a defensive metabolic pathway in a phylogenetic clade of plant species closely related to <i>Capsella rubella</i>	Paweł Bednarek	2016-02-25	2019-07-24	Opus 9
2015/17/D/NZ5/03443	Comprehensive analysis of the therapeutic potential of oligonucleotides for the treatment of polyglutamine diseases	Agnieszka Fiszer	2016-02-25	2021-02-24	Sonata 9
2015/17/D/NZ3/03625	Active transport systems as an element that controls the molecular cross-talk between symbionts during arbuscular mycorrhiza formation	Joanna Banasiak	2016-02-02	2020-02-01	Sonata 9

2015/17/D/NZ5/03444	Long term survival and oxidative stress in hyperhomocysteinemia	Marta Sikora	2016-01-28	2020-07-27	Sonata 9
2014/15/B/NZ9/02312	Structural studies of proteins crucial for tick-mammal-pathogen interactions	Mariusz Jaskólski	2016-01-27	2020-01-26	Opus 9
2015/16/S/NZ1/00086	Degradation pathways of transcripts associated with human diseases the basis of which is the expansion of microsatellite sequences	Karolina Drązkowska	2015-12-01	2019-03-11	Fuga 4
2014/15/N/NZ5/01646	Role of hyperhomocysteinemia in scent signalling in mice	Jaek Wróblewski	2015-08-25	2019-08-24	Preludium 8
2014/15/N/NZ5/01647	Pathophysiological consequences of histone N-homocysteinylation in hyperhomocysteinemia caused by CBS deficiency	Izabela Bielińska / Lewandowska	2015-08-25	2019-08-24	Preludium 8
2014/15/D/NZ2/02305	Identification of circular RNAs and protein factors involved in their biogenesis in a model plant, Arabidopsis thaliana	Anna Philips	2015-07-21	2019-07-20	Sonata 8
2014/15/B/NZ9/02312	Identification of molecular mechanisms involved in soybean's cold stress response in temperate climate conditions	Tomasz Twardowski	2015-07-17	2020-01-16	Opus 8
2014/15/B/NZ1/01880	Mechanisms underlying the targeting of coding sequence repeats by microRNA-like inhibitors	Włodzimierz Krzyżosiak Agnieszka Fiszer	2015-07-15	2019-07-14	Opus 8
2014/13/B/NZ5/03214	Understanding the mechanism of action for small molecule kinase inhibitors in alleviating myotonic dystrophy type I (DMI) pathomechanism	Marzena Wojciechowska	2015-03-11	2019-07-10	Opus 7
2014/13/B/NZ2/03837	Elucidation of the mechanisms that induce copy number polymorphism of large genome fragments and of the relations between this phenomenon and metabolic gene cluster formation and evolution in plants	Marek Figlerowicz	2015-02-26	2019-07-25	Opus 7
2014/13/B/NZ7/02291	Kinetin riboside and its derivatives-analysis of apoptotic properties and mechanism of action in brain tumor cells	Eliza Wyszko	2015-01-23	2019-10-22	Opus 7
2014/13/B/ST5/04144	RNA hybrid duplex-quadruplex structures with dual functionality as a new tool for silencing of gene expression	Zofia Gdaniec	2015-01-23	2018-07-22	Opus 7
2014/13/D/NZ1/00061	Changes in the ribosomal protein composition and in the ribosome-associated small noncoding RNAs in Saccharomyces cerevisiae as a response to environmental stress	Kamilla Grzywacz	2015-01-22	2018-01-21	Sonata 7
2014/12/W/NZ2/00466	Dynasty and population of the Piast State in view of the integrated historical, anthropological and genomic studies	Marek Figlerowicz	2014-12-10	2021-12-09	Symfonia 2
2013/11/B/NZ1/00091	Mechanisms and consequences of homocysteine incorporation into proteins in humans	Hieronim Jakubowski	2014-07-28	2017-07-27	Opus 6
2013/10/E/NZ4/00621	Defining new neurodegeneration mechanisms using the first SCA3/MJD knock-in mouse model	Maciej Figiel	2014-07-08	2020-07-07	Sonata Bis 3
2013/11/N/NZ1/92429	Key elements of miRNA precursors conditioning the release of homogeneous siRNAs from shRNA-miR vectors	Paulina Gałka-Marciniak	2014-07-04	2016-07-03	Preludium 6
2013/10/E/NZ1/00741	Thermodynamic insights into design of functionally optimized modified siRNAs and their experimental verification	Anna Pasternak	2014-07-02	2018-04-01	Sonata Bis 3
2913/10/M/NZ3/00260	ABA transport in legumes - between drought stress responses and nitrogen fixation efficiency	Michał Jasiński	2014-05-19	2017-11-18	Harmonia 5
2013/09/D/NZ1/03364	Evolutionary modeling physicochemical conditions for overexpression of viral replicons in plant liquid cultures	Radosław Piłarski	2014-04-03	2018-04-02	Sonata 5
2013/09/N/NZ2/02080	Evolution of Brassicaceae plant secondary metabolites essential in plant immunity	Karolina Kutak	2014-03-14	2016-09-13	Preludium 5
2013/09/B/NZ1/03359	Ribozymes as a new tool for mitochondrial genome research	Jan Barciszewski	2014-03-11	2017-03-10	Opus 5
2013/09/B/NZ1/01884	The role of the 5' non-coding regions of p53 mRNA transcripts, which are synthesized from various transcription promoters and use alternative initiation sites in generating p53 protein isoforms	Jerzy Ciesiołka	2014-02-13	2017-08-12	Opus 5
2013/09/B/NZ5/02794	Role of homocysteine in pathogenesis of thrombosis	Hieronim Jakubowski	2014-02-13	2017-02-12	Opus 5
2013/08/T/NZ4/00712	Molecular and behavioral characteristics of new mouse types of cerebellospinal ataxia type 3 (SCA3)	Paweł Światoński	2013-10-01	2014-09-30	Etuda 1
2013/08/M/NZ1/01062	Conserved RNA structural motifs in influenza virus: toward revealing viral RNA functions	Elżbieta Kierzek	2013-08-28	2017-05-27	Harmonia 4
2013/08/A/ST5/00295	Structure defined oligonucleotides for revealing fundamental insights into structure and function of RNAs	Ryszard Kierzek	2013-08-28	2019-08-27	Maestro 4
2012/07/B/ST6/01537	Study of the possibilities and limitations of the use of Petri nets for modeling and analysis of complex biological systems on the example of the process of formation and development of atherosclerosis in the human body	Piotr Formanowicz	2013-07-25	2017-07-24	Opus 4
2012/07/B/ST5/03035	Development of chemical method for synthesis of biologically active triphosphates using thermolabile protecting groups	Marcin K. Chmielewski	2013-07-19	2017-07-18	Opus 4
2012/07/E/NZ2/04098	Plant secondary metabolites controlling microbial colonizers	Paweł Bednarek	2013-07-11	2018-10-10	Sonata Bis 2
2012/06/A/NZ9/00125	Multilevel approach to reveal elusive molecular basis of herbicide stress response in maize	Tomasz Twardowski	2013-05-07	2019-11-06	Maestro 3
2012/05/N/NZ7/02157	Study of the relationship between the chemical structure and the activity of new flavonoid derivatives as inhibitors of bacterial tyrosyl tRNA synthetase	Mirosława Skupińska	2013-03-27	2015-03-26	Preludium 4
2012/06/A/NZ1/00094	RNA toxicity in pathogenesis of polyglutamine diseases	Włodzimierz Krzyżosiak Maciej Figiel	2013-03-22	2019-03-21	Maestro 3
2012/05/N/NZ1/0191918.03.2013	The study of structure of miR21 RNA and its precursor - the basis marker of brain tumors in human	Agnieszka Belter	2013-03-18	2015-03-17	Preludium 3
2012/05/D/NZ2/02238	Analysis of the plasma proteome in chronic kidney disease in the context of progressive cardiovascular disease	Magdalena Łuczak	2013-03-01	2016-09-30	Opus 4
2012/05/D/NZ2/02238	Establishment of a novel scientific workshop enabling complex analysis of RNA degradome - elaboration of innovative methods for the identification of RNA degradants and the assessment of their functional potential	Paulina Jackowiak	2013-03-01	2016-08-31	Sonata 3
2012/05/D/ST5/03599	New 3,8-disubstituted purine nucleoside analogues as prospective application for research of structure and biological activity of nucleic acids	Anna Pasternak	2013-02-07	2016-02-06	Sonata 1
2011/03/B/ST5/01098	New approaches towards modulating selective and functional activities of antisense oligonucleotides	Ryszard Kierzek	2012-08-29	2015-05-28	Opus 2
2011/03/B/ST5/03102	Development of stereospecific phosphorylating agents containing nucleophilic catalytic groups	Michał Sobkowski	2012-08-29	2016-02-28	Opus 2
2011/03/B/NZ1/01238	Structural proteomics of mulberry silkworm hemolymph	Grzegorz Bujacz	2012-08-27	2015-08-26	Opus 2
2011/03/B/NZ1/03259	Sequential preferences of ribonucleases of the human microRNA biogenesis pathway	Włodzimierz Krzyżosiak	2012-08-17	2015-08-16	Opus 2
2011/03/B/NZ1/02840	ABC transporters as modulators of Medicago truncatula symbiotic interactions	Michał Jasiński	2012-08-16	2015-08-15	Opus 2
2011/03/B/NZ1/00576	New methods for the determination of RNA secondary structure, tools towards studies biological activities of RNAs	Ryszard Kierzek	2012-08-02	2015-08-01	Opus 2
2011/01/B/NZ4/04936	The new generation of anti-cancer pro-nucleotides	Jaek Stawiński	2011-12-16	2015-12-15	Opus 1
2011/01/N/NZ9/02900	Searching for sequences regulating the splicing process under herbicidal stress in common maize	Joanna Graec-Bernaciak	2011-12-16	2014-10-15	Preludium 1
2011/01/D/NZ9/03631	Analysis of the epigenome and proteome of maize (Zea mays), a line resistant and sensitive to herbicide	Agata Tyczewska	2011-12-12	2015-12-11	Sonata 1
2011/01/B/ST6/07021	High-performance calculations for next-generation DNA sequencing	Aleksandra Świercz	2011-12-08	2013-12-07	Opus 1

2011/01/B/NZ2/04816	Copy number polymorphism as an important mechanism conditioning the variability of plant genomes. Impact of endogenous (RNA interference) and exogenous (stress) factors on the frequency and location of mutations associated with copy number polymorphism	Marek Figlerowicz	2011-12-07	2015-06-06	Opus 1
2011/01/N/NZ3/04602	Study of the secondary structure and function of BC200 RNA in human brain tumors	Patrycja Sosińska-Zawierucha	2011-12-07	2013-12-06	Preludium 1
2011/01/D/NZ1/03478	RNA chaperone activity of HIV-2 Gag and nucleocapsid proteins: implications for the design of the new retroviral inhibitors	Katarzyna Pachulska-Wieczorek	2011-12-07	2015-06-06	Sonata 1
2011/01/B/NZ1/04429	RNA clip forms of importance in biology and pathogenesis. Crystallographic analysis	Wojciech Rypniewski	2011-12-06	2015-06-05	Opus 1
2011/01/N/NZ2/00025	The use of tandem mass spectrometry with collision-induced dissociation techniques for profiling and structural analysis of phenolic secondary metabolites in multicomponent extracts of plant material	Anna Wojakowska	2011-12-06	2013-06-05	Preludium 1
2011/01/B/NZ1/03417	Mechanisms contributing to the development of thrombosis in patients with cystathionine β -synthesis deficiency	Hieronim Jakubowski	2011-12-06	2014-12-05	Opus 1
2011/01/B/NZ5/02773	Identification of new genes that play an important role in the process of cancer in common human cancers	Piotr Kozłowski	2011-12-06	2012-02-20	Opus 1
2011/01/B/ST5/06414	Aryl nucleoside phosphoramidates - a new generation of anti-HIV pronucleotides	Jacek Stawiński	2011-12-01	2015-11-30	Opus 1
N N401 597840	The effect of N-homocysteinylation of histone proteins on epigenetic regulation of human gene expression	Hieronim Jakubowski	2011-05-27	2013-05-26	Supervisory project; call no. 40
N N310 721640	Study of the relationship between the phenolic secondary metabolite profile and the level of expression of the phenylpropanoid pathway genes in narrow-leaved lupine seedlings when assessing resistance to infection by a fungal pathogen	Maciej Stobiecki	2011-05-23	2014-05-22	Supervisory project; call no. 40
N N310 769040	Small non-coding RNA and changes in plant' degradom as the answer mechanism on stress conditions	Tomasz Twardowski	2011-05-19	2014-05-18	Supervisory project; call no. 40
N N301 707040	RNA quadruplexes built from AGG, CGG and UGG trinucleotide repeats	Zofia Gdaniec	2011-05-06	2014-08-05	Supervisory project; call no. 40
N N301 788440	Studies on the functional nature of the RNA structure of influenza virus aimed at inhibiting its multiplication	Elżbieta Kierzek	2011-05-06	2014-05-05	Supervisory project; call no. 40
N N302 633240	Testing of non-specific effects caused by RNA and microRNA interference technology reagents	Marta Olejniczak	2011-05-06	2015-01-05	Supervisory project; call no. 40
N N401 572140	Regulation of Huntingtin gene expression by RNA duplexes	Włodzimierz Krzyżosiak	2011-05-06	2014-05-05	Supervisory project; call no. 40
N N401 572140	Analysis of the interaction of proteins with mutated transcripts of genes involved in TREDs diseases	Marzena Wojciechowska	2011-05-04	2015-01-03	Supervisory project; call no. 40
N N204 430640	Analysis of human plasma fibrinogen N-homocysteinylation by chemical methods and mass spectrometry in the context of cardiovascular diseases	Łukasz Marczak	2011-04-20	2014-04-19	Supervisory project; call no. 40
N N302 434439	Analysis of the effect of genetic inactivation of homocysteine metabolizing enzymes thiolactone on the mouse proteome	Hieronim Jakubowski	2010-11-12	2013-04-11	Supervisory project; call no. 39
N N310 309839	Alternative splicing in maize induced by herbicidal stress	Tomasz Twardowski	2010-10-22	2013-10-21	Supervisory project; call no. 39
N N301 392139	Identification of full ABCG Medicago truncatula transporters and initial functional analysis of selected genes involved in response to biotic stress	Michał Jasiński	2010-09-23	2013-04-22	Supervisory project; call no. 39
N N310 043738	Correlation of epigenetic modification of DNA and histone proteins as a mechanism of plant response to herbicidal stress conditions	Tomasz Twardowski	2010-05-17	2013-06-28	Supervisory project; call no. 38
N N301 411238	New enantiomeric forms of hammerhead ribozymes as therapeutic agents	Jan Barciszewski	2010-05-17	2013-05-16	Supervisory project; call no. 38
N N401 595538	Search and analysis of non-coding RNA specific for malignant brain tumors	Katarzyna Rolle	2010-05-06	2013-05-05	Supervisory project; call no. 38
N N301 523038	Validation of microRNA interactions with mRNA in the context of pathogenesis and therapy of some hereditary neurological diseases	Edyta Kościńska	2010-04-27	2013-07-31	Supervisory project; call no. 38
N N302 260938	Modern antisense technologies in myotonic dystrophy therapy	Krzysztof Sobczak	2010-04-09	2013-10-30	Supervisory project; call no. 38
N N401 066338	A new method of global analysis of modified nucleic acid components and its application in clinical diagnosis of cancer	Mirosława Naskręt-Barciszewska	2010-02-21	2013-04-20	Supervisory project; call no. 40