

Number of Areas	Title of Project
123	Integrated Studies of Medieval Archeology : Towards the Creation of a New "Trans-Disciplinary"Academic Field
124	Formation of Communities of Semitic Tribes : Integrated Research in the Bishri Mountains on the Middle Euphrates
125	Compilation of a balanced corpus of written Japanese: Infrastructure for the coming Japanese linguistics
606	Distribution and Sharing of Resources in Symbolic and Ecological Systems: Integrative Model-building in Anthropology
608	Recreations of Cultural and Natural Environments of the Areas Covered by Volcanic Eruptions
610	Maritime Cross-cultural Exchange in East Asia and the Formation of Japanese Traditional Culture : Interdisciplinary Approach Focusing on Ningbo
008	Developmental Research for Science Education in the New Millennium
607	Dispute Resolution And Civil Justice In The Legalizing Society
609	Enhancing Transparency and Usability of Japanese Law for Global Users
611	Multi-level Environmental Governance for Sustainable Development

Number of Areas	Title of Project
427	Novel Functions of Molecular Conductors under Extreme Conditions
431	The Origin of The Highest Energy Cosmic Rays- Physics of Deca-Joule Cosmic Particles -
441	Progress in Elementary Particle Physics of the 21st Century through Discoveries of Higgs Boson and Supersymmetry
443	Development of New Quantum Simulators and Quantum Design
448	Electron transport through a linked molecule in nano-scale
449	Multi-quark Systems with Strangeness
450	Physics of new quantum phases in superclean materials
451	High Magnetic Field Spin Science in 100 Tesla
463	Creation of non-equilibrium soft matter physics: Structure and dynamics of mesoscopic systems
763	Dynamics of Strings and Field Theories
772	Deepening and Expansion of Statistical Mechanical Informatics
422	Dynamics of Volcanic Explosions
442	Advanced Diagnostics for Burning Plasma Experiment
462	Linkages in biogeochemical cycles between surface ocean and lower atmosphere
421	A New Development of Black-Hole Astronomy
425	Astrophysical observations of new phases of the interstellar gas at sub-mm and THz regions
435	Stagnant Slab: A Keyword to Mantle Dynamics
437	Development of Extra-solar Planetary Science
466	New Developments of Flavor Physics
467	Probing the Dark Energy through an Extremely Wide & Deep Survey with Subaru Telescope
764	Coupling Processes in the Equatorial Atmosphere

Number of Areas	Title of Project
417	Dynamic Control of Strongly Correlated Soft Materials Fundamental Science and echnology of Photofunctional Interfaces
426	Evolution of new quantum phenomena realized in the filled skutterudite structure
428	Materials Science on Bulk Metallic Glasses
430	Chemistry of Biological Processes Created by Water and Biomolecules
432	Molecular Nano Dynamics
433	Creation of Biologically Functional Molecules
434	Chemistry of Coordination Space - Creation of Molecules-Assembling, -Stressing, and -Converting Fields
436	Invention of anomalous quantum materials -New physics through innovative materials-
439	New Frontier of Hetero-Interface Modification for High Temperature Applications Based on Nanoionics Principles
440	Panoscopic Assembling and High Ordered Functions for Rare Earth Materials
444	Advanced Molecular Transformations of Carbon Resources
445	The development of tools and methods for analyzing single cell based on the accurate quantitative and digital analysis of bio-molecules : Lifesurveyor
446	Control of Super-Hierarchical Structures and Innovative Functions of Next-Generation Conjugated Polymers
447	Innovation for New-Generation Optical Communications — Based on Photonic Device Breakthrough —
452	Science of Ionic Liquids
457	Giant Straining Process for Advanced Materials Containing Ultra-High Density Lattice Defects
458	Technology Evolution for Silicon Nano-Electronics
459	Synergistic Effects for Creation of Functional Molecules
460	Chemistry of Concerto Catalysis
461	Molecular Theory for Real Systems
464	Optoelectronics Frontier by Nitride Semiconductor -Ultimate Utilization of Nitride Semiconductor Material Potential-
465	Microwave-Excited, High-Temperature Thermally Non-Equilibrium Reaction Fields
768	Biomechanics at micro- and nanoscale levels
769	Application of Molecular Spins: from Nanomagnets to Biological Spin Systems
424	Intelligent Assistance in Diagnosis of Multi-dimensional Medical Images
429	Generation of Micro-Scale Reactive Plasmas and Development of Their New Applications
438	Next-Generation Actuators Leading Breakthroughs
453	Japanese Technological Innovations - Compiling Experience and Forming a Knowledge Base
454	Emergence of Adaptive Motor Function through Interaction between Body, Brain & Environment -Understanding of Mobiligence by Constructive Approach-
456	Cyber Infrastructure for the Information-explosion Era
766	Design Principles for Molecular Scale Information Processing Architectures
770	The Fundamental Research on Communicational Function of the Disabled and the Aged Persons
771	New Horizons of Computation - How to Overcome Them -
773	Single-Flux-Quantum Integrated Circuits based on Localized Electromagnetic Waves
455	System Cell Engineering by Multi-scale Manipulation

Number of Areas	Title of Project
009	Integrative Research Toward the Conquest of Cancer
010	Genetic and Epigenetic Dysregulation in Cancer
011	Cell and Tissue Disorganization in Cancer
012	Diagnosis, epidemiology, and chemoprevention of Cancer
013	New strategies for cancer therapy based on advancement of basic research
524	Molecular interaction and modal shift of cellular sensors
506	ADIPOMICS
518	Transportsome on biomembrane systems: its molecular assembly and physiological function
520	Matrix of Infection Phenomena
507	Elucidation of glia-neuron network mediated information processing systems
018	Integrative Research of Brain Functions
019	System study on higher-order brain functions
020	Elucidation of neural network function in the brain
021	Molecular basis for the structure and function of the brain
022	Research on Pathomechanisms of Brain Disorders
397	Spatiotemporal Network of RNA Information Flow
398	Exploitation of Multi-Element Cyclic MoleculesMolecular Basis of Axis and Signals in Plant Development
399	Protein Life Cycle in the Cell: Maturation, Translocation, and Quality Control
501	Mechanisms underlying self-renewal and pluripotency of the stem cells
502	Functional control of proteins and molecular complexes by glycosylation
503	Immunological Surveillance and Its Regulation
504	Membrane Traffic - from the Molecular Machinery to the Physiological Functions -
505	Germ cell development, reprogramming and epigenetics
508	Molecular soft interactions regulating membrane interface of the biological systems
509	Regulation of Nano-systems in Cells
510	Dynamics of the cell nucleus
511	Organelle Differentiation as the Strategy for Environmental Adaptation in Plants
512	Mechanisms of Sex Differentiation
513	Structural Organization and Functional Mechanism of Biological Macromolecular Assemblies
514	The Nuclear System to Decipher Operation Code (DECODE) for Biological Responses
515	Nutrient uptake and transport in plants • Identification of molecules responsible for transport and their regulation mechanisms
516	New research initiatives in the study of G-protein signaling systems integrating cell communication network
517	The network regulating the chromosome cycle
519	Dynamics of extracellular environments that control cell fate-determination and behavior
521	Innovative nanoscience of supermolecular motor proteins working in biomembranes
522	Genome Barriers in Plant Reproduction
523	Proteolysis in the Regulation of Biological Processes
840	Regulatory Mechanism of Stress-Responsive Signal Transduction Pathway
841	Molecular mechanism of speciation
842	Regulatory mechanisms of plant movement by LOV photoreceptors.
014	Systems genomics towards system-level understanding of life
015	Comparative Geneomics :Toward Understanding Diversity and Interaction of Life Systems.
016	New research initiatives in medicine and microbiology based on genome research
017	Comprehensive genomics towards the frontiers of biology and medicine