【Priority Research Fields】

Research Fields		
Primary Areas	Secondary Areas	Tertiary Areas
Area of Basic Science Creating Advanced Knowledge	Dynamics of Civilizations/Environment	Dynamics of Civilizations, Dynamics of Environment
	Advanced Mathematical & Physical Sciences	Earth and Planetary Materials Science, Algebras, Particle and Astrophysical Sciences, Molecular Properties of Water, Super Conductor
	Plant Science	Clarification of Photosynthetic Mechanism and Artificial Photosynthesis, Plant Science and Resources, Molecular Biology for Gene Translational Control
	Animal Science	Behavioral Neuroscience, Animal Physiology & Developmental Biology
	Advanced Measurement & Analytics Technologies	Analytical Chemistry, Biological Optical Analysis & Optical Operation Technology
Area of Innovation Contributing to SDGs	Advanced Materials Science & Nanotechnology	Inorganic Materials, Organic Materials, Integrated Research with Biotechnology, Polymer Materials for Sustainable Development
	Agricultural Science	Genetics and Breeding & Cultivation Physiology, Plant Protection Science, Animal Production Science
	ICT for Supporting Society 5.0	Mathematical Model & Simulation Technology, Information Security, Big Data Analytics Technology
	Innovative Materials & Next Generation Device Technology	Innovative Materials & Technology for Device Creation, Next Generation Mobility Technology
	Environmental Preservation & Environmental Restoration Technology	Environmental Preservation, Environmental Restoration Technology
	Area Research & Policy Research	Area Research, Policy Research
Area of Medical Research for Clinical Applications	Strategic Medical Administration Research	A Group Focusing on the Formation of Research Bases Determined by the Research and Development Strategy Committee of the Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, etc.
	Advanced Medical Research	Organ Regeneration Biology, Advanced Cancer Therapy, Advanced Dentistry, Advanced Pharmaceutical Science, Assisted Reproductive Technology
	Development of Advanced Medical Technology & Welfare Technology	Extension of Healthy Life-Span & Clinical Preventive Services, Development of Materials, Devices, and Systems for Advanced Medicine
	Platform Supporting Advanced Medicine	Biobank, Molecular Imaging

【Top Priority Research Fields】

① Crop and plant science fields
② Healthcare fields
③ IT and electronics fields
④ Planetary science and astrophysics fields
⑤ Innovative Materials fields
⑥ Archaeology fields
⑦ Interdisciplinary research related to ① to ⑥, service and social system design