

10. Prospects of Work in 2007

10.1 Steadily Implementing the Talent Strategy

Actively carrying out the plan made last year, namely, 'temporal provision for introducing urgently-needed talents for the third-phase Knowledge Innovation Program of KIB' so as to accelerate the work of recruiting new talents. KIB will endeavor to introduce high-level qualified talents in fields including Seed Biology, Plant Genomics, Molecular Ecology, Chemical Ecology and Chemical Biology and to strengthen continuing education for existing talents, aiming to create a proper talent system including strategic scientists, excellent scientists, senior scientists and junior group leaders for the coming 5-10 years and to enhance the innovation and development of scientific research work.

10.2 Strengthening Top-level Planning and Fully Using Multidisciplinary Advantages

Adhering to the tenet of knowledge innovation base and fully using multidisciplinary advantages and aiming to national and regional strategic demands and world scientific research frontiers, KIB will dedicate its efforts to strengthening top-level planning, identifying the key fields and directions for scientific innovation so as to provide an appropriate platform for strategic scientists. Special emphases will be made on innovation key projects in order to accelerate scientific innovation and to address key technologies to meet the needs of scientific demands, both national and regional. Through top-level planning, KIB will spare no efforts bidding for national key projects (973 program, 863 program and Key projects of National Natural Science Foundation of China). Such endeavors will underscore KIB's leading position in biodiversity conservation, research and development.

10.3 Intensifying External Collaboration and Achieving Win-win Situation

Adopting different patterns and strategies, KIB will carry out bilateral cooperation and technological exchanges with developed countries as well as developing countries (especially with neighboring countries), centering on activities for construction of innovation base and institute. KIB will as well introduce international scholars and qualified talents to accelerate the growing pace to be an institute with international competitiveness and influence. Apart from the ongoing collaboration activities with Harvard University, California Academy of Sciences, Smithsonian Institution, Royal Botanic Garden Edinburgh and Millennium Seed Bank, KIB will further broaden the channels to explore the possibility of collaboration with foreign universities and domestic enterprises (particular in East China areas) to achieve the combination of industrialization and scientific research. Dominant model is to build up joint units to fully use the advantages and secure interest of both parts. For instance, the Southwest China Wild Species Germplasm Bank established jointly by Yunnan Province and KIB, the Library of Natural Products, co-founded with a enterprise in East China and those cooperation projects on new drug innovation and industrialization development of flowers with independent intellectual property right, etc. were all carried out using this model.

10.4 Accelerating the Construction of Scientific Research Platform, Guarantee the High-efficiency of Scientific Research

In addition to continuing work of construction of Science & Technology Information Center, herbarium, botanic garden and Phytochemistry analysis & testing center, great efforts should be concentrated on construction of conservation technology supporting platform of germplasm bank, technological platform of molecular biology, flower R & D platform, chemical library of natural products and new drug screening platform.

10.5 Stressing Strategic Scientific Research and Accomplishing High-quality Output of Scientific Research

Relying on diversified channels of financial support, KIB will work strenuously to R & D new drugs, flowers and biological resources of independent intellectual right and pay special attention to basic, critical researches so as to achieve impressive and high-quality output of scientific research. Surrounding real requirements of the Nation and local governments and aiming the world's developing frontiers of plant science, KIB will systematically conduct a series researches in fields including Seed Biology, Plant Genomics, Molecular Ecology, Chemical Ecology and Chemical Biology.

10.6 Intensifying the Normalization of Management Provisions and to Build Up a Regulatory Framework of First-class Institute

On basis of the Regulations of CAS, KIB will compose a practical regulatory framework to ensure the consistency between the regulations and rules at KIB and the Regulations of CAS. KIB will be the leader and model in development of norms governing behaviors through intensively studying 'Declaration on Scientific Ideals' and 'Advice on Strengthening Construction of Scientific Behavior Norms of CAS'. In combination with the target and management model of third-phase Knowledge Innovation Program, KIB will conduct revisions and rewriting the regulations and management procedures and ensure their smooth implementations. Strictly fulfill the 'Efficiency and Benefits' strategy, enhancing scientific, standard and systematic management practice at KIB and completing the long-term mechanism of maintaining the progressiveness of the Party. KIB will center all its endeavors on establishing a new regulatory framework of a first-class institute that ensure the principles of 'founding the institute scientifically, running it by law and strengthening it by moral virtues'.

