

# Chosen Guide for Application Projects of NSFC for year 2007

## General Program: Support 300,000 per 3 years

**Department of Mathematical and Physical Sciences :** *Symbolic Logic and Foundations of Mathematics ,Number Theory, Algebra, Geometry, Topology, Function Theory, Functional Analysis, Modern Mathematical Physics, Ordinary Differential Equations and Dynamical Systems, Partial Differential Equation, Probability and Mathematical Statistics, Cybernetics, Discrete Mathematics, Computational Mathematics, Large Scale Scientific and Engineering Computing, Mathematical Physics, Mathematical Theory and Methods in Operational research, other edge subject in Mathematics, Mathematical Modeling and new arithmetic.*

**Department of Biology Sciences:** *Biophysical, Biochemistry, Genetics, Cellular Biology, Microbiology, Botany, Bionomics, Forestry, Development Biology, Immunology, Neuroscience and psychology, Biomedicine, Agriculture, Farming, Zoology, Physiology and Pathology, Hygienic, Clinic, Pharmacology, Chinese Medicine*

## Key Program: Support 1,600,000 per 4 years

### Department of Biology Sciences:

#### 1. Microbiology

Topic field: Research on microbe correlative with energy and environment (plan to support 2 -3 projects)

Free application (plan to support 2 -3 projects)

#### 2. Botany

Topic field: Self adaption with the abnormal environment of Plants (plan to support 2 -3 projects)

Free application (plan to support 2 -3 projects)

#### 3. Bionomics

Topic field: The mechanism of decay of the severed species (plan to support 2 -3 projects)

Free application (plan to support 2 -3 projects)

#### 4. Forestry

Topic field: The mechanism of decay of the severed species (plan to support 2 -3 projects)

Free application (plan to support 2 -3 projects)

#### 5. Biophysics, Biochemistry and Molecular Biology

Free application only (plan to support 6 -8 projects)

#### 6. Genetics and Development Biology

Topic field: The molecular regulation of organic development (plan to support 1 -2 projects)

The genetic base of Biology character affected by the environment (plan to support 1 -2 projects)

Free application (plan to support 2 -3 projects)

7. Cellular Biology

Free application only (plan to support 5 -6 projects)

8. Immunology

Topic field: Research on the immunity escape mechanism(plan to support 1 -2 projects)

Free application (plan to support 2 -3 projects)

9. Neuroscience and psychology

Topic field: Basic research on the nerve regeneration(plan to support 1 -2 projects)

Free application (plan to support 2 -3 projects)

10. Biomedicine

Topic field: organize engineer materials and regeneration environment (plan to support 1 -2 projects)

Free application (plan to support 1 -2 projects)

11. Agriculture

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12. Farming

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13. Zoology

Topic field: Geography distribution of the severed species (plan to support 1 -2 projects)

Zoological behavior mechanism research (plan to support 1 -2 projects)

Free application (plan to support 2 -3 projects)

14. Physiology and Pathology

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15. Hygienic

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16. Clinic I

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17. Clinic II

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18. Pharmacology

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19. Chinese Medicine

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