

School of Pharmacy

<http://pharm.sjtu.edu.cn/en/>

I . Introduction to Disciplines and Main Research Fields

The School of Pharmacy is authorized to award Doctoral, Master, and Professional Master degrees in Pharmaceutical Science at the primary discipline level. The School has a post-doctor program as well. By the year of 2014, the SJTU Pharmacology and Toxicology is ranked top 1% by the ESI.

Disciplines and Research Fields of School of Pharmacy

Majors	Research Areas
Pharmacology	Pain Pharmacology, Neuropharmacology, Receptor Pharmacology, and Immunopharmacology and Herbal Pharmacology
Pharmaceutics	Anticancer Drug Delivery System, Molecular Pharmaceutics, Oral and Targeted Drug Delivery System, and Pharmaceutics of TCM
Medicinal chemistry	Chemical Biology, Natural Product Chemistry, Pharmaceutical Synthesis, and Total Synthesis of Natural Products
Microbial and Biochemical Pharmacy	Regeneromics, Biotech drug, Bioprocess Engineering, Key Techniques of Biological Drugs and Vaccine Production, and Innovation of Biological Medicine Research and Development
Pharmacanalysis	Pharmaceutical Analysis and Metabonomics
Pharmacognosy	Natural Drug Active Material and Quality Control Research

II . Faculty

1. Overview of Faculty

There are 66 full-time faculty members in School of Pharmacy, including 15 professors, 4 special researchers, 22 associate professors, and 25 lecturers. Among them, there are three Chair or Distinguished Professors, two experts of the Thousand Talents Plan, one Distinguished Young Scholar of National Science Foundation, one recipient of National Science

Foundation for Outstanding Youths, one scholar of the Hundred Talents Plan of Chinese Academy of Science, one recipient of the Excellent Young Teachers Program, and one scholar of the New Century Talents Program supported by the Ministry of Education.

2. Renowned Professors

No.	Name	Position	Research Interests
1	ZHU Jianwei	Dean/ Zhiyuan Chair Professor/ Expert of the Thousand Talents Program of China	innovation of Biological medicine research and development innovation and key production technology
2	XU Yuhong	Vice dean/Distinguished Professor/ Distinguished Young Scholar of the National Science Foundation	Molecular Pharmaceutics
3	YE Dequan	Zhiyuan Chair Professor/Expert of the Thousand Talents Program of China	Immunopharmacology
4	YAN Chao	Professor/Chief Scientist of NSFC Project	Pharmaceutical Analysis

III. Scientific Research Achievements

During the past five years, there were 186 national or provincial projects conducted at School of Pharmacy, including 17 national key Science And Technology Special Projects, nine Major National Basic Research Program (973), three National High Technology Research and Development Program (863), one major project of National Significant Science Research Instrument Manufacture, one project of National Science Foundation for Distinguished Young Scholars, one project of National Science Foundation for Outstanding Youths, and 80 Young Scientist Projects.

Scholars in our School have published over 600 papers of SCI/EI in peer-reviewed domestic and foreign scientific journals, including more than 10 influential research papers on *Science*, *Nature Review Drug Discovery*, *Blood*, *Cancer Research*, and *Journal of Proteome Research*. Our scholars received many academic awards including one second prize of National Scientific and Technological Progress, one first prize of Outstanding Achievements Award of Scientific Research in Colleges and Universities (Science and Technology) granted by Ministry of Education.

IV. International Collaboration

1. Student Exchange Programs

- International Summer Academy of Pharmacy (ISAP)
- Exchange Program between School of Pharmacy of SJTU and the University of North

Carolina

2. Joint Education Programs

- School of Pharmacy of SJTU set up 2 + 2 + 2 continuous studying in undergraduate and graduate with University of North Carolina (Chapel Hill), USA
- School of Pharmacy of SJTU set up Dual Doctoral Degree Project with King's College London, UK
- School of Pharmacy of SJTU set up Dual Doctoral Degree Project with Department of Bioengineering of Santa Clara University, USA
- School of Pharmacy of SJTU set up Master Degree (Certificate Program) of Pharmacy Affairs Management with School of Pharmacy University of Maryland Baltimore, USA

V. Platforms for Scientific Innovation

- Cell Engineer and Antibody-based Drug Engineering Research Center of the Minister of Education
- Level-three laboratory of State Bureau of Traditional Chinese Medicine Administration
- Biotechnology and Antibody-based Drug Key Laboratory of Universities in Shanghai
- Dai Medicine Research Center