

Biochemistry and Molecular Biology

The School of Life Sciences, East China Normal University was founded in 2001. Its predecessor, the "Department of Biology", was established in 1951 when East China Normal University was founded. Approved by the Academic Degrees Committee of the State Council, the disciplines of Zoology and Ecology became among the first batch of doctorate - granting programs in the country in 1982. In 1985, the disciplines of Plant Physiology and Physiology were approved as doctorate - granting programs. In 2000, the Biology discipline became a first - level discipline with the right to confer doctorate degrees. Currently, the school has six doctorate - and master's - degree - granting programs, covering Zoology, Botany, Ecology, Physiology, Neurobiology, and Biochemistry and Molecular Biology.

Biochemistry and Molecular Biology is composed of disciplines such as biochemistry, biophysics, microbiology, genetics, cell biology, immunology, and molecular biology. In 1988, the master's degree program in Biochemistry and Molecular Biology was approved. In 2001, the doctorate degree - awarding program and the post - doctoral research mobile station were established. The discipline has won the Second Prize of Shanghai Science and Technology Progress. In 2007, academic teams were introduced from world - class research institutions such as Texas A&M University, Baylor College of Medicine, Yale School of Medicine, and the National Institutes of Health in the United States, significantly strengthening the strength of Biochemistry and Molecular Biology. Through five years of construction, research teams with characteristics in epigenetics, tumor biology, cell signal transduction and new drug development, immune regulation and mechanisms, etc., have been formed. In 2006, the "Cell Signal Transduction Network Research Technology Platform", a R & D public service platform of the Shanghai Science and Technology Commission, was established. In 2011, the Shanghai Key Laboratory of Regulatory Biology was founded, and the team was honored with the title of "Innovation Team of the Ministry of Education for 'Functions and Mechanisms of G - Protein - Coupled Receptors in Physiology and Pathology'". In the past five years, it has successively undertaken more than 50 projects, including national major scientific research programs, National Natural Science Foundation projects, "863" and "973" projects of the Ministry of Science and Technology, as well as scientific research projects of various provinces, municipalities, and autonomous regions. A large number of academic papers have been published in high - level journals such as NAT MED, IMMUNITY, CHEM REV, CHEM SOC REV, PNAS, CELL RES, CANCER RES, J IMMUNOL, and JBC, and more than 10 domestic and international invention patents have been obtained.

Campus	Minhang Campus	Degree	Doctor of Science
Length (year)	4 Years	Tuition	
Instruction Language	English / Chinese	Application Language Requirement	Chinese -taught Programs: HSK5 级 \geq 180 English-taught Programs:

			IELTS \geq 6.0 / TOEFL \geq 80 / Cambridge English \geq B2
Classes Open to International Students Only		NO	
Graduation Requirement	Complete the course study and earn the required credits, publish a specified number of papers, and pass the thesis defense.		

Major Courses

Primarily engaged in scientific research and teaching in university or higher education institutions, research organizations, etc.

After Graduation

Primarily engaged in scientific research and teaching in university or higher education institutions, research organizations, etc.

Scholarship

Chinese Government Scholarship

Shanghai Government Scholarship

Application Contact

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