



# 1985 — 2015

## 《生物工程学报》创刊30周年

### 序言



1953年Watson和Crick报道的DNA双螺旋模型把生命科学推向了分子生物学时代，上世纪70年代涌现的重组DNA技术和杂交瘤技术引领了生物技术进入了以基因工程、细胞工程、酶工程和发酵工程为四大技术平台的现代生物技术时代，使生物技术发生了革命性的变革，开拓了生物技术产业的新领域。我国在改革开放的推动下，生物技术的研发和产业也紧跟国际潮流快速发展。焦瑞身教授等老一辈的科学家经多年筹备创办了《生物工程学报》，为生物技术科技人员提供了一个学术交流的平台，报道中国和国际生物技术的动向和进展。三十年来《生物工程学报》与我国生物技术共成长，三十而立的生物技术产业已成为我国战略性新兴产业。全球生物技术产业正面临新一轮的变革，合成生物学正在整合生命科学、信息科学、微电子科学、材料科学、计算机科学等学科，把生命科学和生物技术推向工程科学。《生物工程学报》将进一步提升学术水平和国际化，为推动我国和国际生物技术的发展作贡献。本专刊共有20篇文章，回顾了我国生物技术领域的发展历程，展望了未来的生物技术梦。

在《生物工程学报》创立三十周年之际，编委会特别感谢广大读者和作者对学报的厚爱，希望今后给予更大的支持，再创辉煌。

主编

### Preface

In 1953, Watson and Crick reported the DNA double helix model, driving life science to the era of molecular biology. In 1970s, the emerging of recombinant DNA technology and hybridoma technology lead the biological technology into the modern era based on four technical platforms, including genetic engineering, cell engineering, enzyme engineering and fermentation engineering. The biotechnology has undergone a revolutionary change and opened up a new field of biotechnology industry. Driven by China's reform and opening, the R&D and industry of biotechnology have also rapidly developed following the international trend. After years of preparation, Professor Ruishen Jiao and other veteran scientists founded the Chinese Journal of Biotechnology, providing an academic exchange platform for biotechnical scientists and reporting domestic and international progress in this field. Over the past 30 years, the Chinese Journal of Biotechnology has grown together with the biotechnology of our country. The industry of Chinese biotechnology, at the age of 30 years, has become one of the new strategic industries in China. Now the global biotechnology industry is facing a new round of changes, pushing life science and biotechnology towards engineering science through integration of life science, information science, microelectronic science, material science, computer science and other disciplines by synthetic biology. The Chinese Journal of Biotechnology will further improve the academic level and internationalization, contributing to the development of biotechnology in our country and worldwide. This special issue consists of 20 papers, summarizing the development of biotechnology in China and prospecting the biotechnology dream in the future.

On the 30th anniversary of the Chinese Journal of Biotechnology, the editorial board specially appreciates the readers and authors for their generous support and we need your further support to create greater glories in the future.

Editor-in-Chief: