

e-Science应用

“工业生物技术知识环境”建设及应用

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摘要:

鉴于工业生物技术的重要地位,中国科学院设立了“先进工业生物技术创新基地”。为了使现代信息化手段更好地服务于基地建设,我们启动了“工业生物技术战略研究和知识环境建设”。知识环境的信息化成果主要体现在管理平台、虚拟实验室、网络化办公、战略研究等方面。该知识环境的建设是一种全新的信息化工作和服务模式的探索,将信息化平台工作建设与实际的科学研究活动紧密结合,对于加强信息技术在科研中的应用,提高科学研究活动的效率等方面有着积极的意义。

关键词: 工业生物技术;信息化;知识环境

The Development and Application of Knowledge Environment of Industrial Biotechnology

Abstract:

In view of the importance of industrial biotechnology, Chinese Academy of Sciences establishes the Advanced Industrial Biotechnology Innovation Base. In order to facilitate its work with modern informationization achievement, we launch the project of Strategic Study and Knowledge Environment Development of Industrial Biotechnology. The project has made great progress in management platform, virtual lab, networking and strategic study. As a brand-new informational means and service pattern, the knowledge environment delicately integrates the informationization platform and scientific research, which can enhance the application information technology and improve the efficiency of research work.

Keywords: industrial biotechnology informationization knowledge environment

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