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激光诱变微生物技术的研究进展

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简要概括了国内外在激光诱变微生物领域内的研究新进展,对激光辐照微生物产生生长刺激作用的实验规律、作用机理进行了总结和讨论,在此基础上探讨了激光辐照微生物进行诱变育种的应用性研究。最后,对本领域的发展进行了展望并提出建议。

RESEARCH PROGRESS IN TECHNIQUE OF LASER INDUCING MICROORGANISM

The new progress of the technique of laser inducing microorganism was reviewed. In details, the popular rules resulted from laser irradiating microorganism experiments were described and the operating mechanism of the interaction between laser and microorganism was discussed. On this basis, the application study of laser irradiating microorganism technology for mutagenesis was also discussed. The future progress of this field was forecasted and some useful advices were given in the end also.

关键词

激光诱变(Laser-inducing); 微生物(Microorganism); 变异(Mutagenesis)