

Advances in molecular diagnosis of artificial joint infection

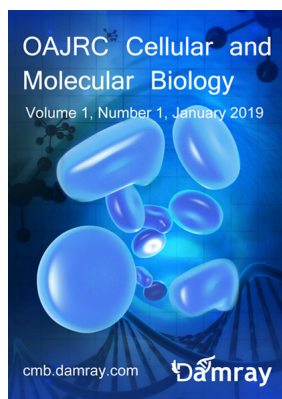
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SUMMARY

The joints of the human body are the key to human activity. The treatment and diagnosis of artificial joints is crucial. The key to the success of artificial joint infection quality lies in the accurate diagnosis of microbial molecules. It is well known that the diagnostic technology of pathogenic microorganisms is a key link in disease prevention and control. The traditional diagnostic method is to use microbial culture diagnostic method, but this method is time consuming and laborious, and the accuracy, sensitivity and specificity are relatively low. Therefore, research in this area has resulted in nucleic acids that can directly detect microbial molecules in the sample, which can improve the sensitivity of detection and save time. This paper mainly introduces the method of microbial molecular diagnosis of artificial joint infection, and compares the two detection methods. Finally, the advantages and research progress of the nucleic acid of microbial molecules in the sample are discussed through clinical application examples.

Keywords: artificial joint infection; microbial molecule research progress



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