عنوان مقاله:

The Importance of Personalized Medicine in Colorectal Cancer: Review article

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خلاصه مقاله:

Colorectal cancer is the third most common type of cancer worldwide. CRC develops through a gradual accumulation of genetic and epigenetic changes, leading to the transformation of normal colonic mucosa into invasive cancer. Approximately ۹۰% of colorectal cancer cases are sporadic without family history or genetic predisposition, while in less than ۱۰% a causative genetic event has been identified. Since personalized medicine works on three subjects of determining disease indices in people, choosing the best therapeutic method and predicting disease relapse, it seems that regarding colorectal cancer, more researches are required in order to achieve favorable results. The recent advances in molecular biology and the genetic classification of CRC are essential to individualize these therapies and will be basic for improving the treatment in the next years. We are optimistic about the success of personalized medicine for this disease.

کلمات کلیدی:

Colorectal cancer, Personalized Medicine, CRC, biomarker

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