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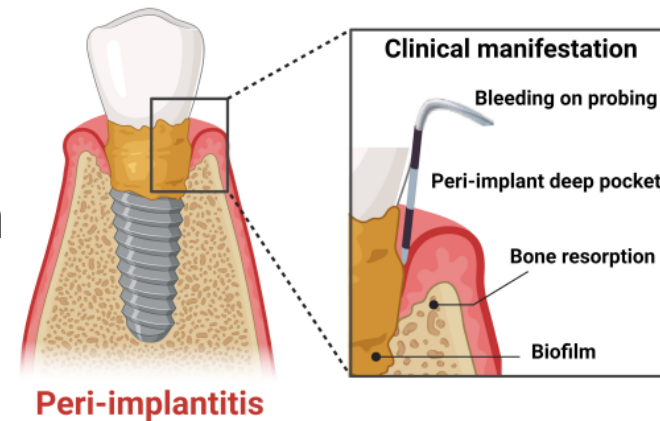
Epigenetic factors associated with peri-implantitis: a review

Key words: Peri-implantitis, Epigenetics, DNA methylation, MicroRNA

Research Summary

This review summarizes the association between epigenetic mechanisms and peri-implantitis, as well as the potential application of DNA methylation and miRNAs in the prevention, diagnosis, and treatment of peri-implantitis.

- **Epigenetics: general principles**
- **Studies focusing on miRNAs associated with peri-implantitis**
- **Studies focusing on DNA methylation associated with peri-implantitis**
- **Further approaches to epigenetics in the clinical management of peri-implantitis**



Innovation points

- **Summary** of the association between epigenetic mechanisms and peri-implantitis, specifically focusing on DNA methylation and microRNAs.
- **Emphasis** of epigenetic alterations in peri-implantitis may serve as a crucial link between environmental factors and host immune responses.
- **Reveal** of the use of epigenetically modified implant surfaces and epigenetic drugs for the prevention and treatment of peri-implantitis.

