Cite this as: Min-hao HU, Shu-yuan LIU, Ning WANG, Yan WU, Fan JIN, 2015. Impact of DNA mismatch repair system alterations on human fertility and related treatments. *Journal of Zhejiang University-Science B (Biomedicine & Biotechnology)*, **17**(1):10-20. [doi:10.1631/jzus.B1500162]

Impact of DNA mismatch repair system alterations on human fertility and related treatments

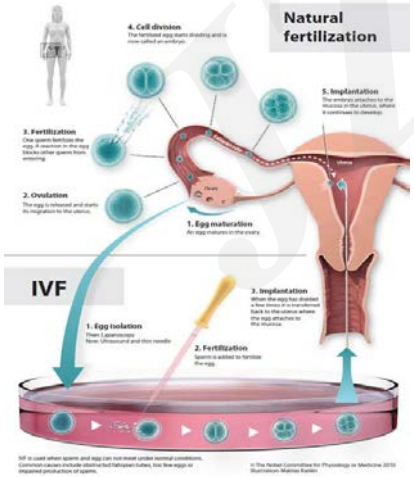
Key words: DNA mismatch repair, Infertility, Assisted reproductive technology (ART)

JZUSB

Research Summary

This review mainly focuses on the physiological mechanisms of the MMR system and associations between alterations of the MMR system and human fertility and related treatments, and potential effects on the next generation through ART. The research content is as follows:

- The components and mechanisms of the MMR system
- MMR alterations and human fertility
- MMR alterations and ART and ART-conceived offspring





Thank you for your attention!

