Cite this as: Haitao ZHU, Kaifa TANG, Guoqiang CHEN, Zhongwei LIU. Biomarkers in oral immunotherapy[J]. Journal of Zhejiang University Science B, 2022, 23(9): 705-731. https://doi.org/10.1631/jzus.B2200047

Biomarkers in oral immunotherapy

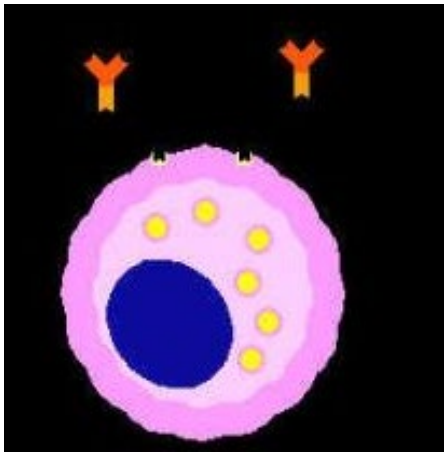
Key words: Food allergy; Oral immunotherapy; Biomarker; Immune tolerance; Desensitization

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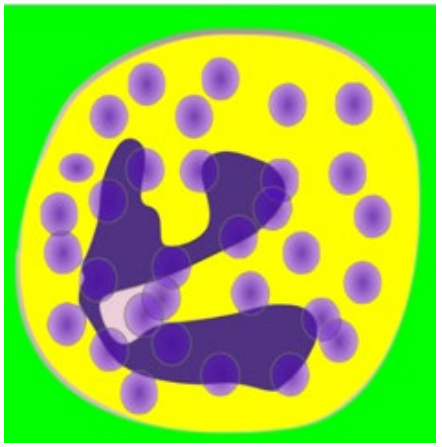
Research Summary

This review mainly focused on the discussion and assessment of various immunological indicators as biomarkers for oral immunotherapy.





- **Functional immunological tests**
- **B cell responses**
- **T cell responses**
- **Potential cell markers**
- **Omics-based tests**



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Innovation points

- **This review** exhaustively describes the diagnostic and therapeutic biomarkers in food allergy and OIT.

- **Introduction** of the most updated research progress about the immune mechanisms involved in OIT.

- **Summary** of the application values and future perspectives of these biomarkers for OIT assessment and prediction.

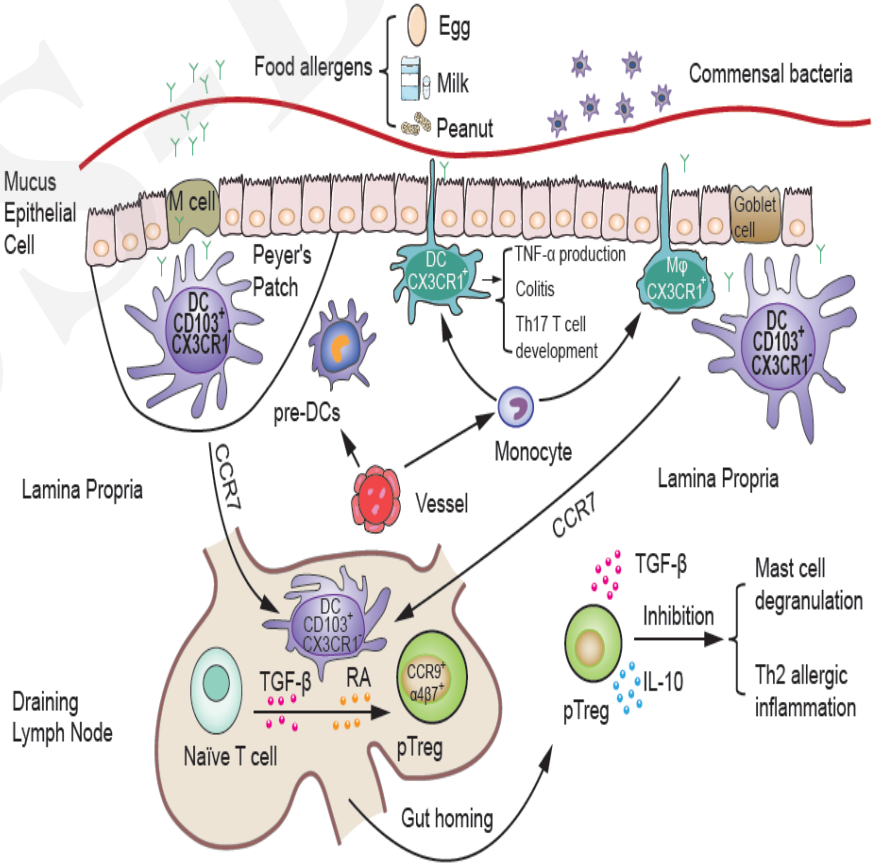


Figure 1

Innovation points

A series of original figures and were generated to summarize the update progress about biomarkers in OIT

Figure 1｜ Schematic diagram of immune tolerance to food antigens.

Table 1｜ Th2 differentiation/secreted cytokine profiles.

Table 2｜ Overview of current omics technologies.

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