

Research on Skin Cancer



How do we treat skin cancer?

One type of skin cancer treatment is immune checkpoint blockade (ICB) therapy. This therapy helps the body's immune system to kill cancer cells.

ICB does not work well for most skin cancers.



Why does ICB not work on all skin cancers?

Skin cancer cells have a lot of the protein called MZB1. In this study, the scientists found that MZB1 in skin cancer cells affects immune responses, which makes it hard for ICB therapy to work.



What's next?

Future studies can look at how to target MZB1 so that ICB therapy can better treat melanoma.



Carbone Cancer Center
UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH

G. Chhabra, C. A. Shirley, J. M. Krien, M. A. Ndiaye, N. Ahmad. A potential oncogenic role and immunoregulatory mechanisms of MZB1 in melanoma. AACR 2024.

