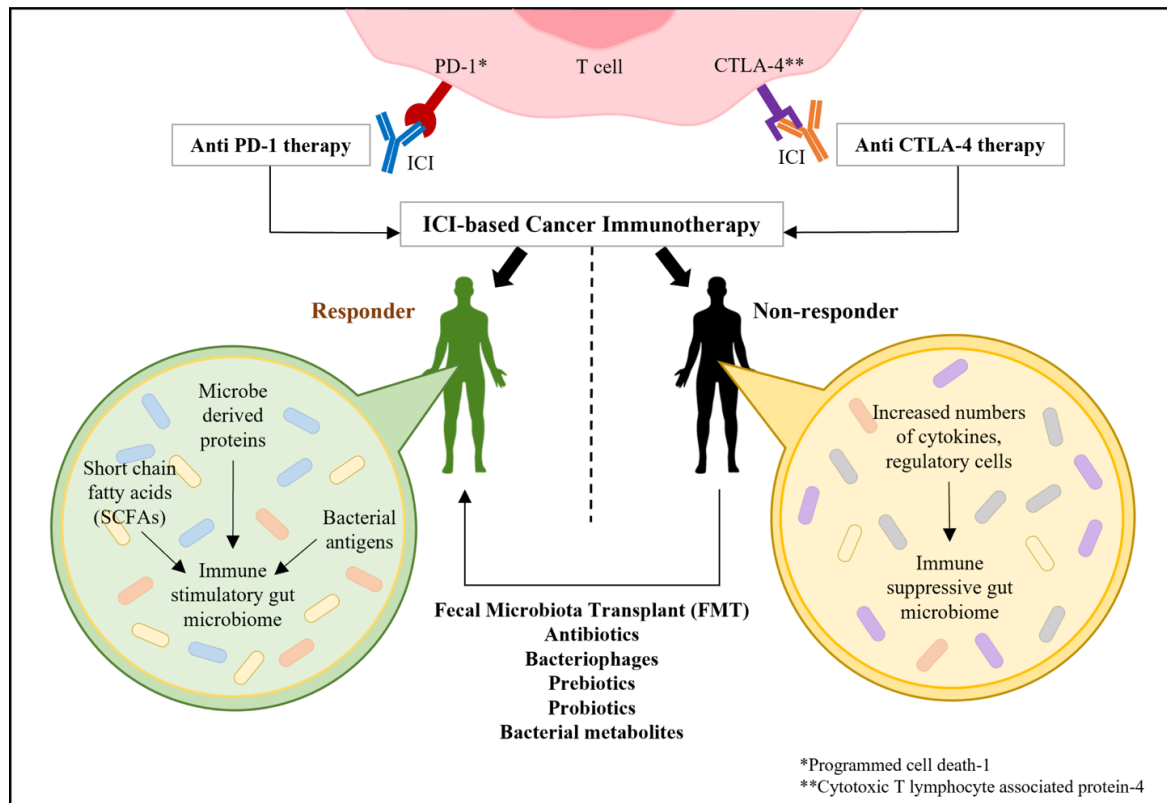


# Effect of gut microbiota on immune checkpoint inhibitor (ICI) based cancer immunotherapy

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## Highlights

- ICI based immunotherapy is a novel approach in cancer immunotherapy.
- ICI therapy mainly targets the immune checkpoints, namely PD-1 and CTLA-4.
- Gut microbiota affects the ICI therapy by modulating both PD-1 and CTLA-4.
- Different gut bacteria have shown varying responses with ICI therapy.
- Individual variation of gut microbiota challenges its application in ICI therapy.