## IMMUNOTHERAPY

## THE FACTS I IMMUNE CHECKPOINT INHIBITORS

## **IMMUNE** $\mathsf{CHECKPOINT} \rightarrow$ INHIBITORS

A drug that blocks certain proteins like CTLA-4, PD-1, PDL-1 from vinteracting. By blocking the interaction of the protein with their receptors on the immune cells, the immune checkpoint inhibitors overcome one of cancer's main defenses against an immune system attack.

A protein or other molecule that is found only on cancer cells and not on normal cells. When the immune system detects a cancer antigen, it initiates an attack that can eliminate the cancer cell.





**PROTEINS FOUND ON CELLS...** 

CTLA-4 and PD-1 inhibitors (on immune cells) and PD-L1 inhibitors (on cancer cells)





These therapies do not work for everyone and ongoing research is trying to understand what makes a patient respond to the treatment. Treatments and results may vary by individual. Please discuss with your healthcare team to see if immunotherapy is right for you.