

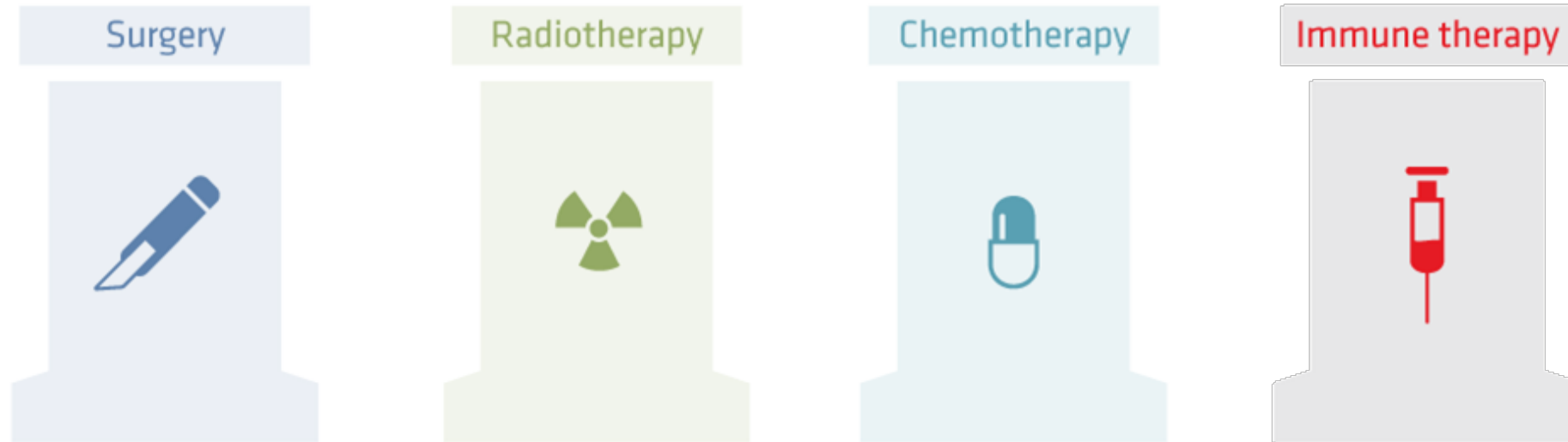


**NASPCC Symposium on Immuno-Oncology in Prostate Cancer:
Current and Future Trends**

June 24, 2021
10:00 am – 2:30 pm (Pacific)



Pillars of Cancer Therapy

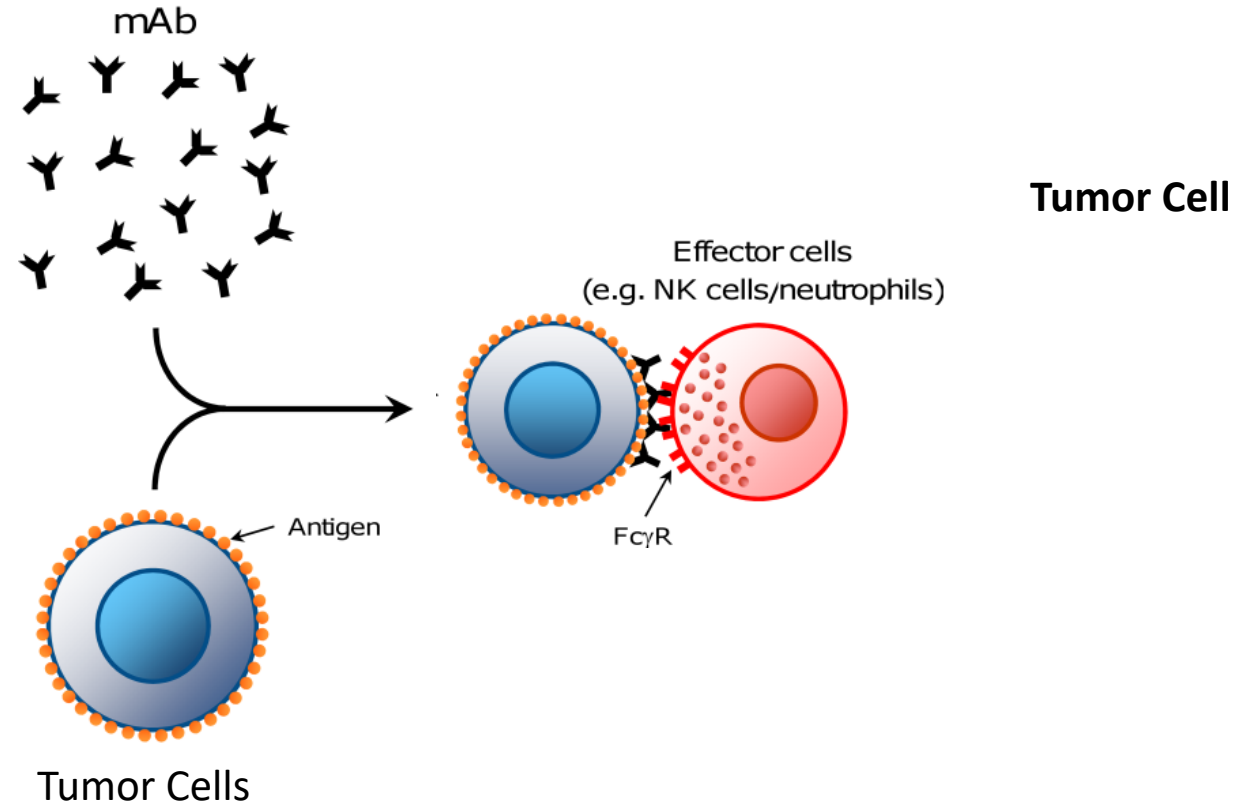


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Cancer Immunotherapy

Antibody Immunotherapy

- Antibody Dependent Cellular Cytotoxicity (ADCC)
 - *Rituximab (NHL)
 - (Beck et al., 1999)



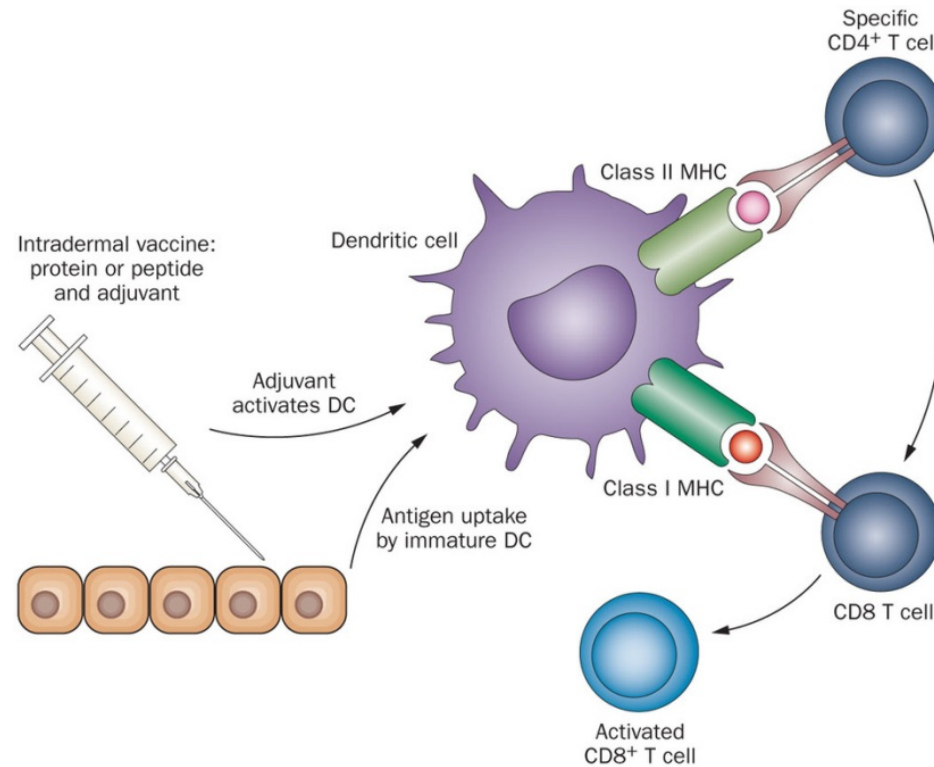
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Cancer Vaccines

- Elicit anti-tumor T-cell responses by inducing tumor antigen expression on DCs
 - *Provenge
- (Hahn et al., 2012)

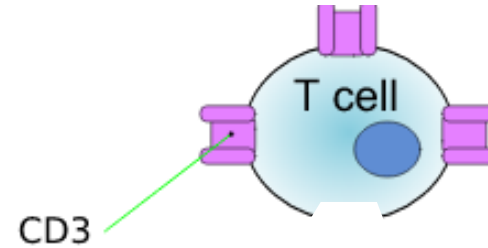




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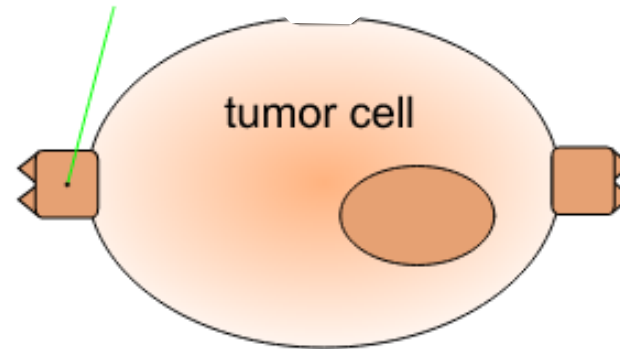


Bi-Specific T cell engagers

- Anti-CD3/CD19 Bi-specific Blinatumomab (ALL)
(Robinson HR. et al., 2018)

Cancer Vaccines

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Activation

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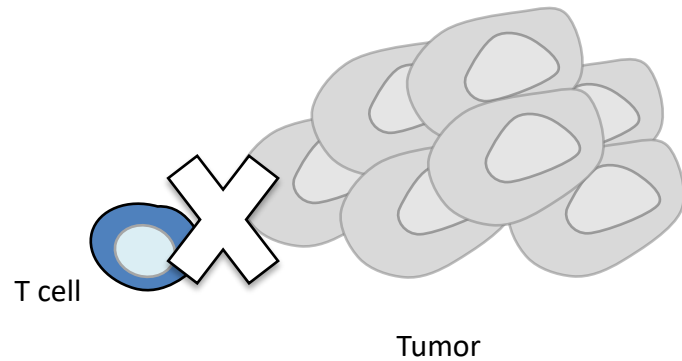
Tumor Death

Checkpoint Blockade

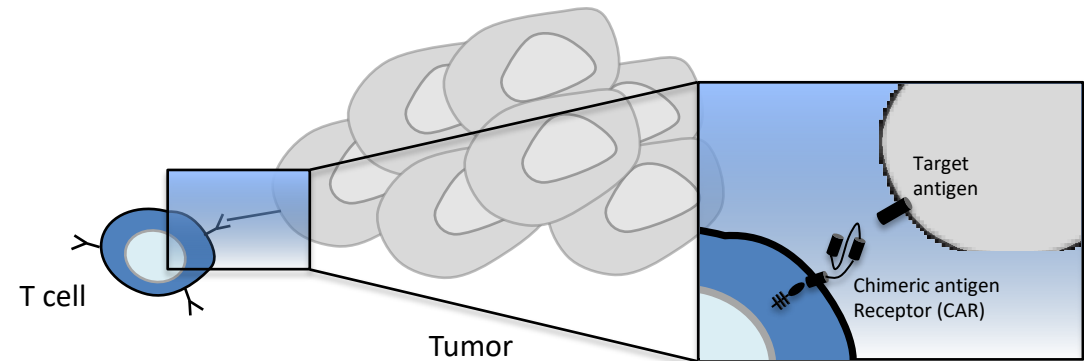
- Anti-PD1 / Anti-CTLA-4 mAbs
*Nivolumab/Ipilimumab
Metastatic melanoma
(Ascierto et al., 2012)

Chimeric Antigen Receptor (CAR) T Cell Therapy

Conventional TCR:MHC

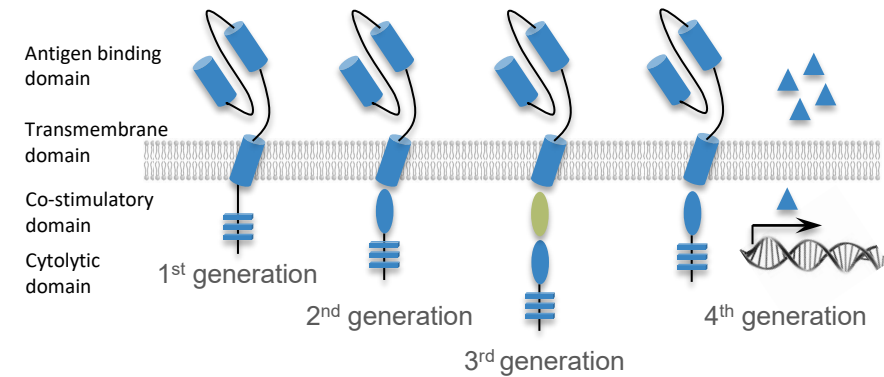


Chimeric antigen receptor

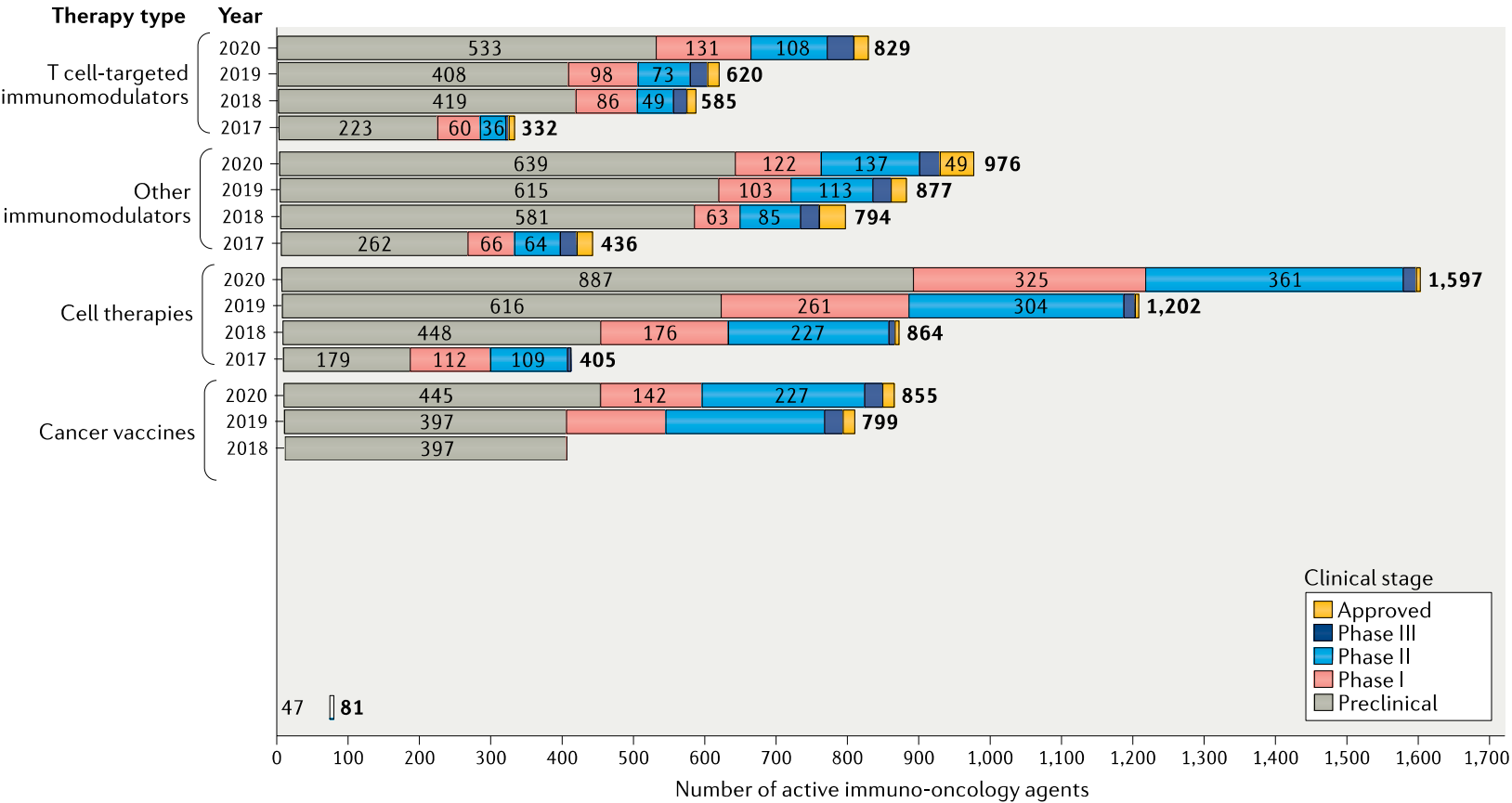


Escape mechanisms in the majority of cancers

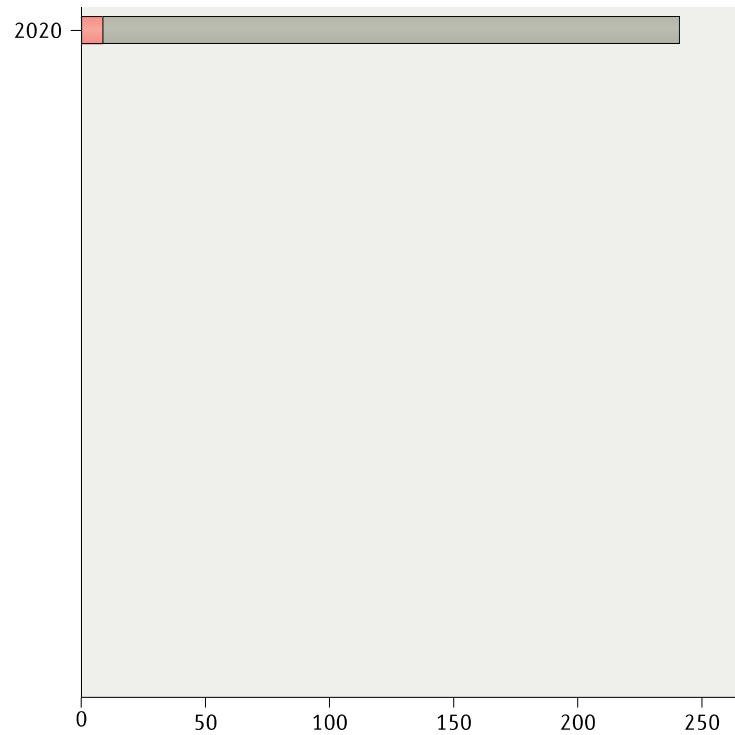
- MHC down-regulation / defective antigen presentation of TAAs
- Immunosuppressive tumor-infiltrating immune cells



Today's Landscape of Immunotherapy



Today's Landscape of Immunotherapy



Prostate Cancer Immunotherapy

Session One

10:15 am – 10:35 am	Redirecting T-Cells for Prostate Cancer Immunotherapy Lawrence Fong MD University of California, San Francisco
10:40 am – 11:00 am	CAR-T Development in Sub-Types of Prostate Cancer: How Mechanistic Biology Impacts Future Therapies John Lee, MD, PhD Fred Hutchinson Cancer Center
11:05 am – 11:25 am	Chimeric Antigen Receptor T-Cell Therapies for Advanced Prostate Cancer: Clinical Trials (and Tribulations) Vivek Narayen, MD, MS University of Pennsylvania
11:30 am – 11:50 am	Advancing CAR-T Cells for Prostate Cancer Saul Priceman, PhD City of Hope Medical Center
11:50 am – 12:10 pm	Panel Discussion
12:10 pm – 12:25 pm	Break

Session Two

12:30 pm – 12:50 pm	Upcoming Clinical Trial of DLL3/CF3 BiTE in Neuroendocrine Prostate Cancer Rahul Aggarwal, MD University of California, San Francisco
12:55 pm – 1:15 pm	Anti-CTLA-4-Therapy in Prostate Cancer Sumit Subudhi, MD, PhD UT MD Anderson Cancer Center
1:20 pm – 1:40 pm	Cancer The Quest for an Effective Immunotherapy for Prostate James Gulley, MD, PhD National Institutes of Health (NIH)
1:45 pm – 2:05 pm	Allogenic Approaches to Cell Therapy for Tumors of Various Sorts Charles Drake, MD, PhD New York-Presbyterian/Columbia
2:10 pm – 2:30 pm	Panel Discussion
2:30 pm	Closing Remarks