

The David Scheinberg Lab

2020 Journal Club Meetings

10/16/2020 - presented by Heather Jones

“Metabolic engineering generates a transgene-free safety switch for cell therapy”

[Article link](#)

10/09/2020 - presented by Kristen Vogt

“Specific MHC-I Peptides Are Induced Using PROTACs”

[Article link](#)

9/17/2020 - presented by Leila Peraro

“Engineered off-the-shelf therapeutic T cells resist host immune rejection”

[Article link](#)

7/10/2020 - presented by Manish Malviya

“ β -cell-mimetic designer cells provide closed-loop glycemic control”

[Article link](#)

6/26/2020 - presented by Zaki Molvi

“Longitudinal high-throughput TCR repertoire profiling reveals the dynamics of T cell memory formation after mild COVID-19 infection”

[Article link](#), **And**

“An insertion unique to SARS-CoV-2 exhibits superantigenic character strengthened by recent mutations”

[Article link](#)

5/29/2020 – presented by Leila Peraro

“Nitinol thin films functionalized with CAR-T cells for the treatment of solid tumours”

[Article link](#)

5/08/2020 – presented by Pedro Silberman

“Pooled Knockin Targeting for Genome Engineering of Cellular Immunotherapies”

[Article link](#)

4/25/2020 – presented by Kiefer Kurtz

“Long-distance modulation of bystander tumor cells by CD8+ T-cell-secreted IFN- γ ”

[Article link](#)

4/17/2020 – presented by Kristen Vogt

“An RNA vaccine drives expansion and efficacy of claudin-CAR-T cells against solid tumors”

[Article link](#)

4/10/2020 – presented by Zaki Molvi

“Clonally expanded CD8 T cells patrol the cerebrospinal fluid in Alzheimer’s disease”

[Article link](#)

4/03/2020 - presented by Megan Dacek

“DUX4 Suppresses MHC Class I to Promote Cancer Immune Evasion and Resistance to Checkpoint Blockade”

[Article link](#)

3/20/2020 - presented by Heather Jones

“Self-Amplifying RNA Vaccines Give Equivalent Protection against Influenza to mRNA Vaccines but at Much Lower Doses”

[Article link](#)

2/14/2020 - presented by Manish Malviya

“Intratumoral expression of IL-7 and IL-12 using an oncolytic virus increases systemic sensitivity to immune checkpoint blockade”

[Article link](#)

2/07/2020 - presented by Leila Peraro

“Genome-wide CRISPR–Cas9 screening reveals ubiquitous T cell cancer targeting via the monomorphic MHC class I-related protein MR1”

[Article link](#)

1/31/2020 - presented by Megan Dacek

“Targeted deletion of PD-1 in myeloid cells induces antitumor immunity”

[Article link](#)

1/24/2020 - presented by Thomas Gardner

“A reversible RNA on-switch that controls gene expression of AAV-delivered therapeutics in vivo”

[Article link](#)
