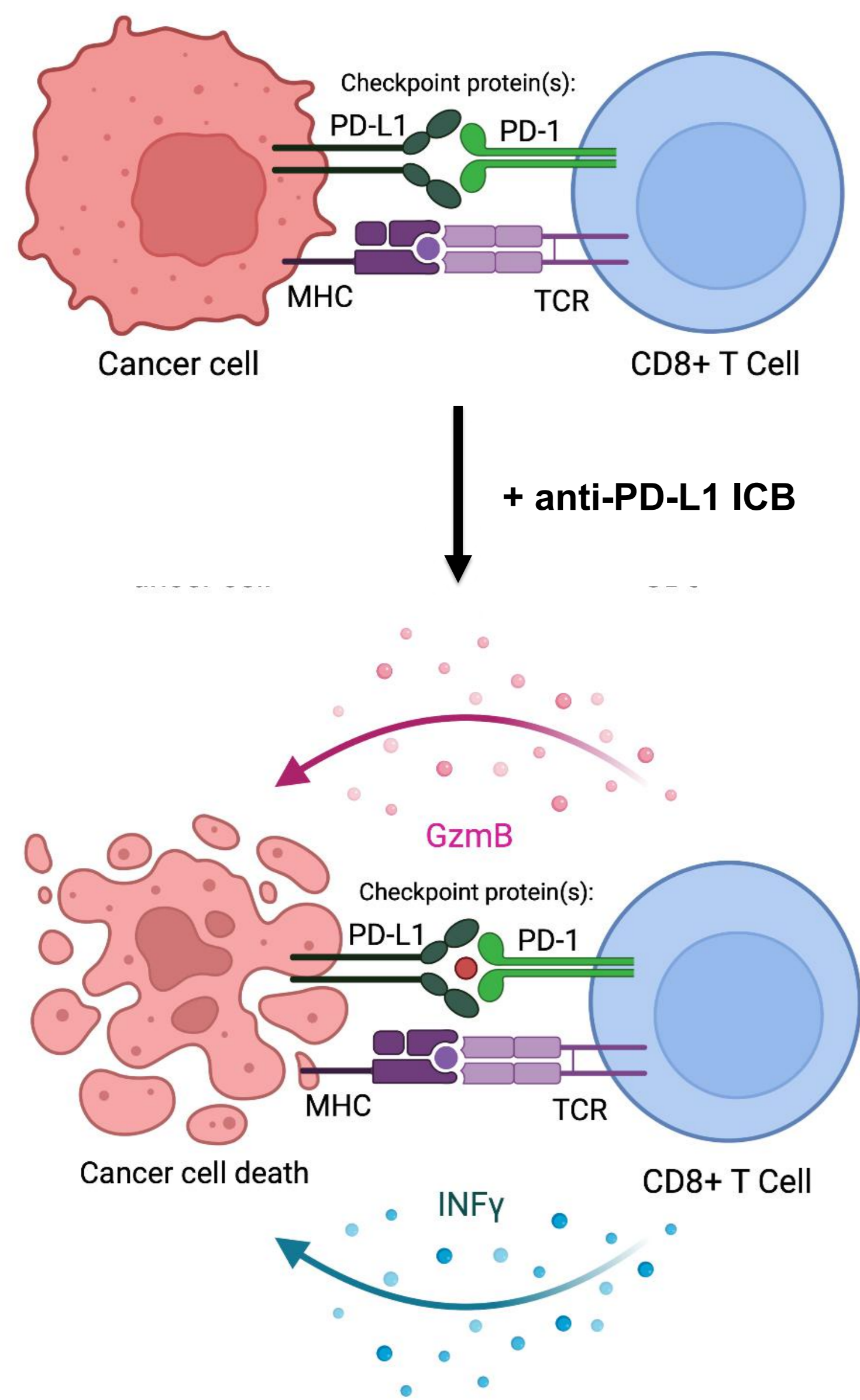


Investigating the interplay between diet and the gut microbiome as a potential modulator of anti-PD-L1 responsiveness in triple-negative breast cancer

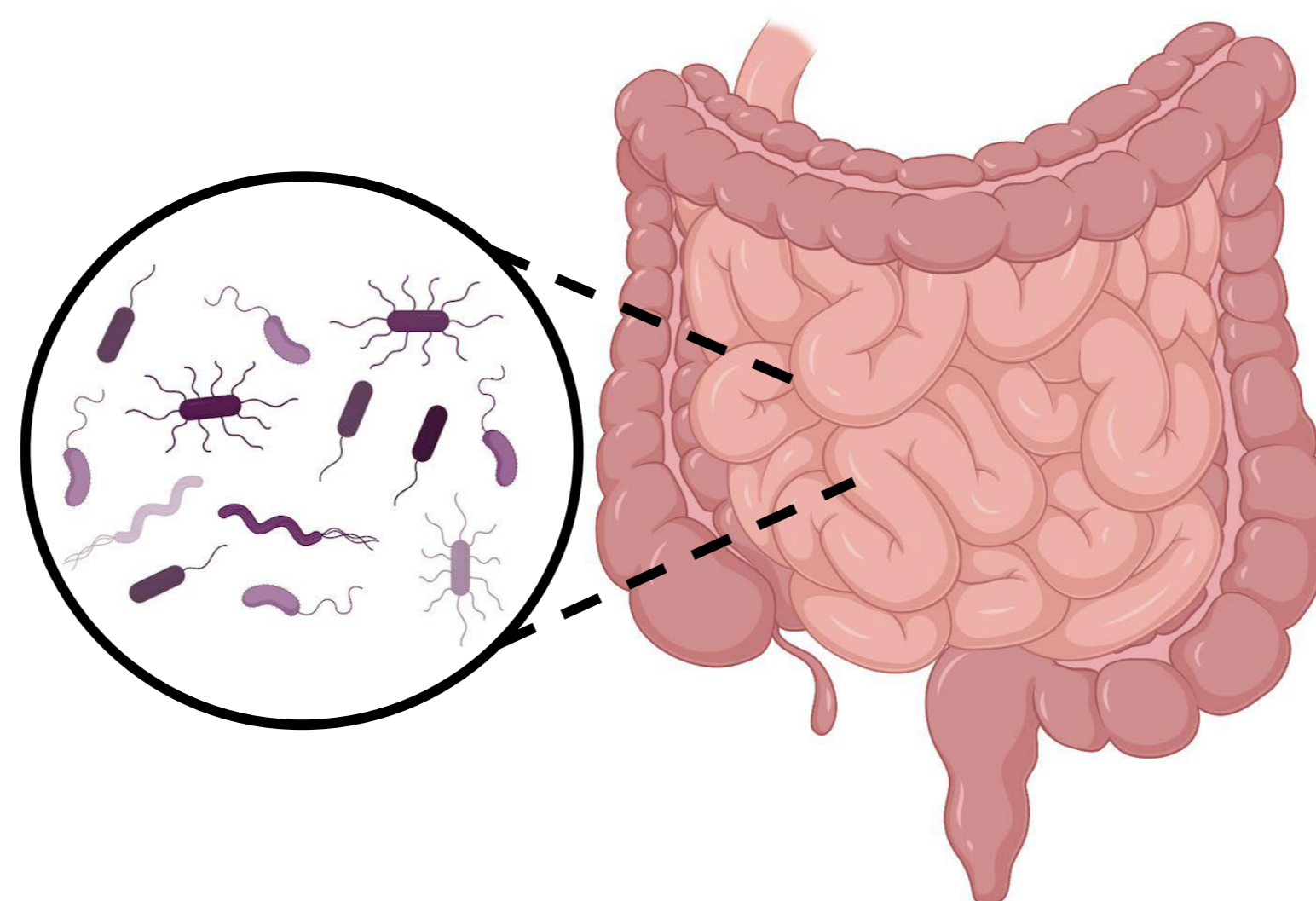
Kenysha Y.J. Clear^{2,5}, Elizabeth R. Stirling^{3,4}, Adam S. Wilson^{1,2}, David R. Soto-Pantoja^{1,2,3,4}, and Katherine L. Cook^{1,2,3,4,5}

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Immune Checkpoint Blockade



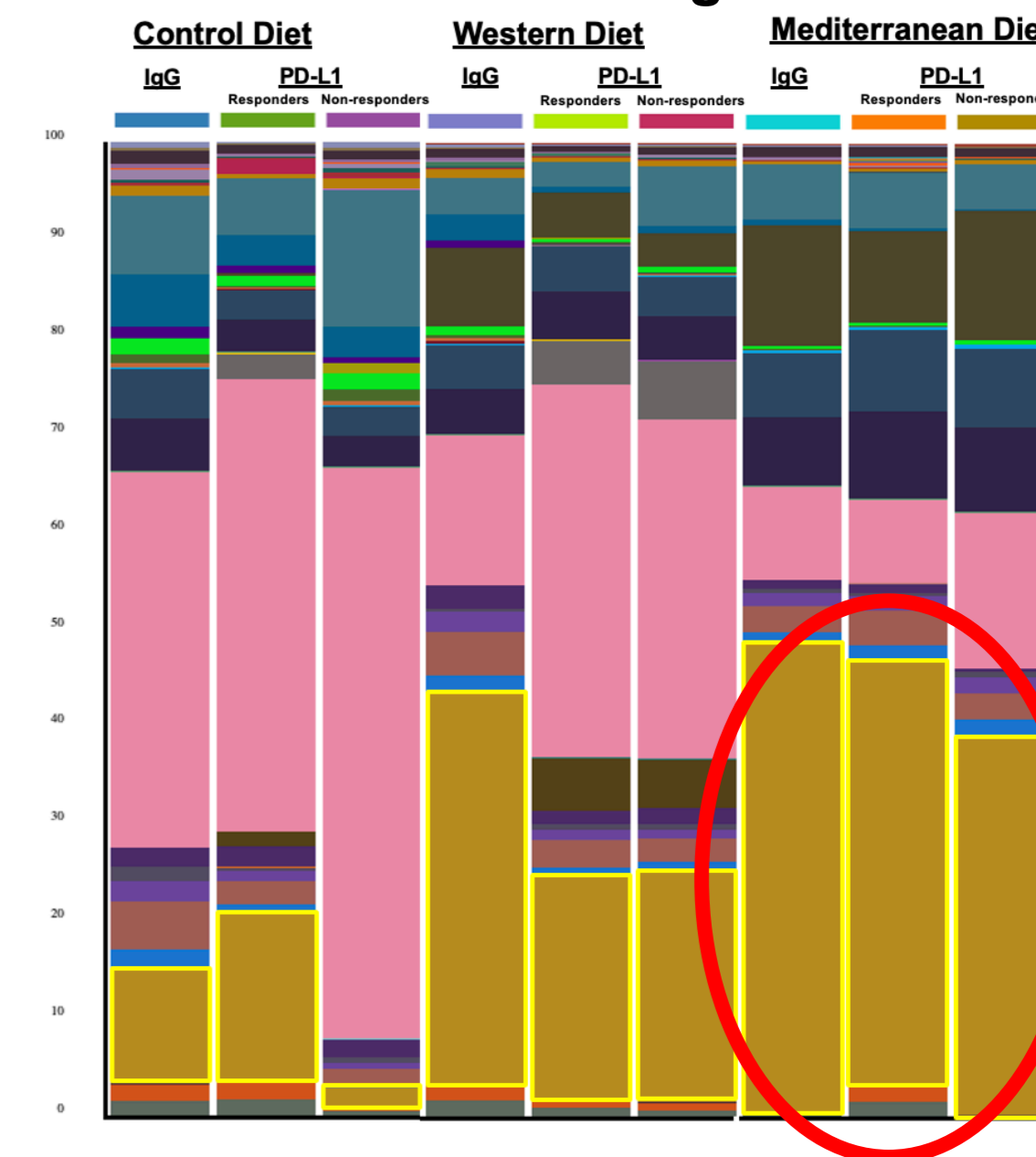
Gut microbiome



PD-L1 blockade
NON-RESPONDER
Akkermansia muciniphila

PD-L1 blockade
RESPONDER
Akkermansia muciniphila

Metagenomic sequencing Diet as main modifier of gut microbiome



Tumor progression Fecal microbiota transplant enhances ICB efficacy

