



CU Cancer Center Team Wins \$3M NCI Grant to Study Genetics of Aggressive Prostate Cancer

Sep 13, 2019 | [staff reporter](#)

NEW YORK — A research team from the University of Colorado Cancer Center has received a \$3 million grant from the National Cancer Institute to identify the genetic drivers of aggressive prostate cancer.

With the five-year grant, CU Cancer Center's James Costello and colleagues will knock out various prostate cancer-associated genes in a mouse model and identify which develop aggressive disease. RNA sequencing will be used to compare and contrast the gene expression and pathways between the models.

According to the grant's abstract, computational models will be used to translate data from the experiments and from prostate cancer patients into potential new therapeutic targets for preclinical testing.

"If these studies are promising the next step may be clinical trials in men with this aggressive form of prostate cancer," Costello said in a statement.

Filed Under

[Cancer](#)

[Informatics](#)

[Sequencing](#)

[Research Funding](#)

[North America](#)

[research grant](#)

[Prostate Cancer](#)

[NCI](#)

[University of Colorado, Denver](#)

[Privacy Policy](#). [Terms & Conditions](#). Copyright © 2019 GenomeWeb, a business unit of Crain Communications. All Rights Reserved.