Cancer Research

Table of Contents

AACR American Association for Cancer Research

May 15, 2019 • Volume 79 • Number 10

BREAKING INSIGHTS

REVIEW

CANCER RESEARCH HIGHLIGHTS

CONTROVERSY AND CONSENSUS

GENOME AND EPIGENOME

METABOLISM AND CHEMICAL BIOLOGY

MOLECULAR CELL BIOLOGY

Table of Contents

TUMOR BIOLOGY AND IMMUNOLOGY

Table of Contents

Table of Contents

CONVERGENCE AND TECHNOLOGIES

POPULATION AND PREVENTION SCIENCE

AC icon indicates Author Choice
For more information please visit www.aacrjournals.org

ABOUT THE COVER

CXCR7, an atypical chemokine receptor, is upregulated in enzalutamide-resistant prostate cancer. Activated CXCR7 interacts with β-arrestin 2 and internalizes into endosomes, wherein the complex acts as a scaffold protein for MAPK protein assembly. MAPK signaling provides an alternative survival pathway, leading to enzalutamide resistance. Using immunofluorescence, it was found that ectopically expressed CXCR7 localized mainly in the cytoplasmic aggregates, colocalizing with β-arrestin 2 in the endosomes. For details, see article by Li and colleagues on page 2580.