# Molecular Cancer Therapeutics

## Table of Contents

### Highlights

2407  Selected Articles from This Issue

### Review

2409  Emerging CAR-T Cell Therapy for the Treatment of Triple-Negative Breast Cancer

---

### Small Molecule Therapeutics

2422  ASR490, a Small Molecule, Overrides Aberrant Expression of Notch1 in Colorectal Cancer

2432  Development of Tumor-Targeting IRE-1 Inhibitors for B-cell Cancer Therapy

2445  MP-Pt(IV): A MAOB-Sensitive Mitochondrial-Specific Prodrug for Treating Glioblastoma

2454  Repurposing of a Thromboxane Receptor Inhibitor Based on a Novel Role in Metastasis Identified by Phenome-Wide Association Study

2465  Glutaminase Inhibitors Induce Thiol-Mediated Oxidative Stress and Radiosensitization in Treatment-Resistant Cervical Cancers

2476  HIV Protease Inhibitors Block HIV-1-Induced Murine Cervical Carcinoma and Promote Vessel Normalization in Association with MMP-9 Inhibition and TIMP-3 Induction

2490  Inhibition of EZH2 Enhances the Antitumor Efficacy of Metformin in Prostate Cancer

2502  Selective Vulnerability to Pyrimidine Starvation in Hematologic Malignancies Revealed by AG-636, a Novel Clinical-Stage Inhibitor of Dihydroorotate Dehydrogenase

---

Downloaded from mct.aacrjournals.org on August 7, 2021. © 2020 American Association for Cancer Research.
ABOUT THE COVER

Human papillomavirus (HPV) is detected in a vast majority of cervical cancers. For advanced cervical dysplasia (CIN3), co-infection with the human immunodeficiency virus (HIV) can result in more aggressive disease and disease recurrence. Various studies identified that HIV protease inhibitors (HIV-PI) can exert anti-tumor effects outside of its anti-viral activity. In this month’s cover image, Qiu and colleagues demonstrate treating cervical cancer tumors with HIV-PIs increase expression of tissue inhibitors of metalloproteinase 3 (TIMP-3, shown in red) on cancer-associated fibroblasts. Read the full article on page 2476.
Molecular Cancer Therapeutics

19 (12)


Updated version
Access the most recent version of this article at:
http://mct.aacrjournals.org/content/19/12

E-mail alerts
Sign up to receive free email-alerts related to this article or journal.

Reprints and Subscriptions
To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

Permissions
To request permission to re-use all or part of this article, use this link http://mct.aacrjournals.org/content/19/12. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.