

Resource Summary Report

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RPPA Core Facility

RRID:SCR_016649

Type: Tool

Proper Citation

RPPA Core Facility (RRID:SCR_016649)

Resource Information

URL: <https://www.mdanderson.org/research/research-resources/core-facilities/functional-proteomics-rppa-core.html>

Proper Citation: RPPA Core Facility (RRID:SCR_016649)

Description: Core provides technology for functional proteomics studies and centralized, standardized and quality controlled services locally and globally.

Abbreviations: RPPA

Synonyms: MD Anderson RPPA Core, RPPA, Reverse Phase Protein Array Core, Reverse Phase Protein Array (RPPA) Core

Resource Type: access service resource, core facility, service resource

Keywords: technology, functional, proteomics, studies, centralized, standardized, quality, controlled, service

Funding: NCI CA16672

Availability: Commercially available, Registration required

Resource Name: RPPA Core Facility

Resource ID: SCR_016649

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260905T133409+0000

Ratings and Alerts

No rating or validation information has been found for RPPA Core Facility.

No alerts have been found for RPPA Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

Listed below are recent publications. The full list is available at [Kravitz](#).

Thielen N, et al. (2026) High-throughput screening identifies NT-1 that synergizes with MRTX1133 against acquired resistant KRASG12D colorectal cancer. NPJ precision oncology, 10(1).

Gloege HF, et al. (2026) Combined inhibition of CDK4/6 and PI3K pathways exhibit highly synergistic activity and translational potential in Ewing sarcoma. Translational oncology, 71, 102866.

Brodsky AL, et al. (2026) Combination Therapy with Copanlisib and Niraparib in Patients with Recurrent Endometrial and Ovarian Cancer (COPANIRA): Efficacy, Toxicity, and Translational Insights. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(7), 1234.

Sardarni UK, et al. (2026) Dietary Fat Content Influences PanIN Progression and Pancreatic Cancer Development in Mice. Cancer research communications, 6(5), 1036.

Koppenhafer SL, et al. (2026) DNA replication stress and translational repression converge to drive CDK1- and caspase-dependent apoptosis in Ewing sarcoma. Oncogene, 45(28), 2823.

Nguyen TT, et al. (2026) NN-01-195, a Novel Conjugate of HSP90 and AURKA Inhibitors, Effectively Targets Solid Tumors. Molecular cancer therapeutics, 25(8), 1231.

Shu ST, et al. (2025) Constitutive activation of the Src-family kinases Fgr and Hck enhances the tumor burden of acute myeloid leukemia cells in immunocompromised mice. Scientific reports, 15(1), 174.

Stitzlein LM, et al. (2025) Combined inhibition of lysine-specific demethylase 1 and kinase signaling as a preclinical treatment strategy in glioblastoma. Neuro-oncology advances, 7(1), vda246.

Spender LC, et al. (2025) AKT/mTOR as a targetable hub to overcome multimodal resistance to EGFR inhibitors in oesophageal squamous cell carcinoma. British journal of cancer, 133(5), 709.

Koppenhafer SL, et al. (2025) Histone Deacetylase Inhibitors Target DNA Replication Regulators and Replication Stress in Ewing Sarcoma Cells. Cancer research communications, 5(6), 1034.

Li Calzi S, et al. (2025) Targeting Diabetic Retinopathy with Human iPSC-Derived Vascular Reparative Cells in a Type 2 Diabetes Model. *Cells*, 14(17).

Woodruff ER, et al. (2025) Ablation of hematopoietic stem cell derived adipocytes reduces tumor burden in syngeneic mouse models of high-grade serous carcinoma. *bioRxiv : the preprint server for biology*.

Thielen N, et al. (2025) High Throughput Screening Identifies Small Molecules that Synergize with MRTX1133 Against Acquired Resistant KRAS G12D Mutated CRC. *bioRxiv : the preprint server for biology*.

Sottnik JL, et al. (2024) WNT4 Regulates Cellular Metabolism via Intracellular Activity at the Mitochondria in Breast and Gynecologic Cancers. *Cancer research communications*, 4(1), 134.

Greenwood A, et al. (2024) Cannabidiol promotes apoptosis and downregulation of oncogenic factors. *bioRxiv : the preprint server for biology*.

Zacharias NM, et al. (2024) Transcriptomic, Proteomic, and Genomic Mutational Fraction Differences Based on HPV Status Observed in Patient-Derived Xenograft Models of Penile Squamous Cell Carcinoma. *Cancers*, 16(5).

Guo Z, et al. (2024) Evaluation of Copanlisib in Combination with Eribulin in Triple-negative Breast Cancer Patient-derived Xenograft Models. *Cancer research communications*, 4(6), 1430.

Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and regulate the level of the PLK1 protein in Ewing sarcoma cells. *Frontiers in oncology*, 14, 1394653.

Persenaire C, et al. (2024) VDX-111, a novel small molecule, induces necroptosis to inhibit ovarian cancer progression. *Molecular carcinogenesis*, 63(7), 1248.

Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and regulate the level of the PLK1 protein in Ewing sarcoma cells. *bioRxiv : the preprint server for biology*.