

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 [PRECISE-TBI](#) .

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.

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).

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).

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.

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.

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*.