

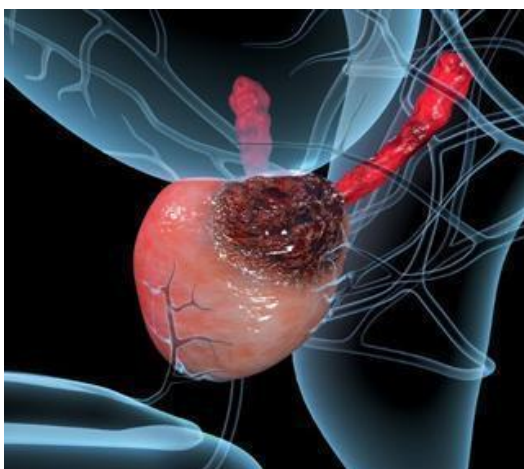
SHARED RESOURCES

QUARTERLY NEWSLETTER

Cancer Research Support, Facilitated by Leading Scientists

FEATURED RESEARCH

REV-ERB α is a Master Regulator of Tumor Plasticity and a Novel Therapeutic Target in Advanced Prostate Cancer



Research led by Dr. Hongwu Chen identified REV-ERB α as a master regulator of tumor lineage plasticity (LP), revealing a critical mechanism driving treatment resistance in advanced prostate cancer. Pharmacologic and genetic inhibition of REV-ERB α significantly suppressed resistant tumor growth and blocked LP, highlighting a promising therapeutic target for LP-associated cancers.

[Learn More About REV-ERB \$\alpha\$ in *PNAS* →](#)

Shared Resource Support

Ryan Davis and Stephenie Liu
Genomics Shared Resource

RESEARCH IMPACT

Phase 1 Study of Blinatumomab/Lenalidomide in Relapsed/Refractory B-Cell Lymphoma

A Phase 1 clinical trial led by Dr. Joseph Tuscano demonstrated that the combination of blinatumomab and lenalidomide is safe, tolerable, and shows promising anti-tumor activity in patients with relapsed or refractory B-cell non-Hodgkin lymphoma. Several pretreated patients achieved durable responses, supporting further development of this immunotherapy approach. Correlative immune analyses also identified potential biomarkers associated with treatment response, providing insights to guide future precision immunotherapy strategies.

[Read the Full Story in *Blood Advances* →](#)

Shared Resource Support

Immune Modeling, Analysis and Diagnostics

Flow Cytometry

Molecular Pharmacology and Chemical Biology

Stronger Science Starts Here.

Explore all the Shared
Resources →

AWARD SPOTLIGHT

NIH Awards ~\$700K to Upgrade Small-Animal MRI



The Center for Molecular and Genomic Imaging received a Notice of Award for an NIH S10 grant to upgrade the electronics of the small-animal MRI scanner. This award represents continued confidence in the quality of UC Davis's translational imaging programs and stewardship of shared imaging infrastructure.

A number of Cancer Center investigators contributed to this effort, and the upgraded system will further strengthen cancer-focused imaging research within the In Vivo Translational Imaging Shared Resource.

[Learn More About the IVTISR →](#)

Shared Resources in Action

MARCH 28-31, 2026

**Association of
Biomolecular Resource
Facilities (ABRF) Annual
Meeting**
Pittsburg, PA

Shared Resource Management participated in national discussions on ***Integrating Comparative Pathology and Histopathology to Strengthen Animal Model Research*** and gained insights into best practices for acknowledging SRs in publications and other SR-related products.

[Access Topics and Presentations →](#)

APRIL 23, 2026

**Ralph de Vere White
Symposium for Early
Stage Investigators in
Cancer**

Shared Resource Management engaged high school students, UC Davis scholars, and faculty at the annual Ralph de Vere White Symposium, showcasing the advanced technologies and scientific expertise available through the Cancer Center's Shared Resources. The event fostered new

Aggie Square

connections and highlighted opportunities to accelerate innovative cancer research.

[Learn More →](#)

APRIL 29, 2026

UC Davis Research Expo



Aruna Chetty with Dr. Simon Atkinson

Shared Resource Management highlighted Cancer Center technologies and scientific expertise at the annual UC Davis Research Expo. The event provided valuable opportunities to engage with researchers, institutional leaders, and external partners, including Vice Chancellor for Research Dr. Simon Atkinson and Colonel Bashir El-Khoury, Deputy Command Surgeon, U.S. Space Command.

The Expo showcased the latest research-related opportunities, insight, resources and tools through exhibits, presentations, workshops and networking opportunities.

[Learn More →](#)

Updated Shared Resources Portal and New Metrics Dashboards

The SRM team launched an updated SharePoint with simplified access directly from the Cancer Center website Shared Resource [Staff Portal](#). Staff can now access publications and usage dashboards to support operational insights.

[Explore SR SharePoint](#)

Upcoming Opportunities

Comprehensive Course in Flow Cytometry

June 22-26, 2026 | [Online](#)



The UC Davis Flow Cytometry Shared Resource is offering its popular online course that combines expert-led lectures with live laboratory demonstrations. One of the most comprehensive cytometry training courses offered in the nation, the course provides in depth understanding of flow cytometry.

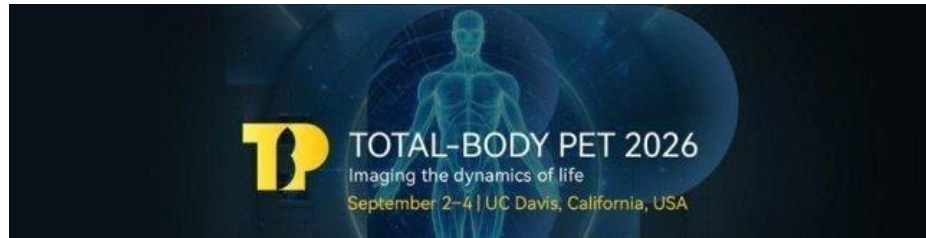
Scholarship applications due: Sunday June 14, 2026

Course applications due: Thursday June 18, 2026

[Learn More and Register](#)

Total-Body PET 2026: Fourth International Conference

**September 2-4, 2026
UC Davis**



The UC Davis Total-Body PET 2026 Conference will highlight the latest advances in total-body PET through invited talks, selected oral presentations, and poster sessions featuring research from around the world. Hosted at UC Davis, birthplace of EXPLORER total-body PET, the conference will foster scientific exchange, collaboration, and innovation in quantitative imaging.

Registrations accepted until August 15, 2026, or when capacity (300 attendees) is reached.

[Learn More and Register](#)

Biostatistics Office Hours



The Biostatistics Shared Resource provides expert consultation to support research at every stage - from study design and analysis planning through writing and review. First 10 hours consultation/project is free for Cancer Center members.

Weekly Office Hours

1st and 3rd Monday, 1 - 2 p.m.
Tuesdays, 12 - 2 p.m.

[Schedule a Consultation](#)

Genomics Pop-In Workshops



Explore emerging genomics technologies, best practices, and resources available to advance your research.

These monthly, informal sessions highlight new tools, applications, and expert insights from the Genomics Shared Resource team. Bring your data, ideas, and curiosity! The team is available to troubleshoot any genomics-related questions or projects. ***No registration needed!***

Monthly Hybrid Workshops

4th Wednesday of Each Month, 12-1 p.m.

Join in Person [Betty Irene Moore Hall, Room 1602, Sacramento](#)

Join Virtually using button below.

Join Zoom

Acknowledging Shared Resource Support

Publications, presentations, and other research products that utilize Shared Resource facilities, services, expertise, or data should acknowledge the applicable Shared Resource(s) and cite the UC Davis Comprehensive Cancer Center Support Grant (NCI P30CA093373). Please also provide an electronic copy of resulting publications to the Shared Resource(s).

Sample Acknowledgement: The authors acknowledge utilization of the UC Davis Comprehensive Cancer Center [NAME] Shared Resource, supported by the Cancer Center Support Grant (NCI P30CA093373). The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.

Cancer Center members have easy access to Shared Resources

1
Identify a Shared
Resource →

2
Request services in
PPMS* →

3
Receive high quality
services

4
Cite support in
publications

* If you do not have a PPMS account yet, you may [request one here](#)

Not a Cancer Center member? Learn about the benefits and privileges of [membership here](#).

Stronger Science Starts Here.

[Explore all the Shared Resources](#) →

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