

UC Drug Discovery Consortium (UC DDC)

- The University of California Drug Discovery Consortium (UC DDC) is a multi-campus initiative created by the University of California Biomedical Research Acceleration, Integration & Development (UC BRAID) Drugs, Devices, Diagnostics Development (D4) group
- The development of the UC DDC is supported by a 3-year, \$2M Multi-Campus Research Proposal Initiative grant (MRPI) from the UC Office of the President.
- The UC DDC currently involves representatives from UC San Francisco, UC Los Angeles, UC Irvine, UC Davis and UC San Diego. In the future, we hope to include all UC Campuses.

“Building a UC Drug Discovery Community”

UC-DDC Aims

Support the development of therapeutics with mentoring & pilot funding

Strengthen drug discovery education & training

Expedite access to existing drug discovery related core facilities across the UC system

Build partnerships with industry and foundations to increase support for projects and develop sustainability

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Seed Grant Review & Award Process

- Step One: Request for Proposals
 - Projects from Compound Screening to Pre-Clinical Studies eligible for funding
 - Step Two: Letters of Intent Submitted
 - 225 Unique projects submitted across 5 sites during first three years
 - Step Three: LOIs Reviewed & Finalists Selected
 - UC-DDC Site Lead PI's review LOIs, 3 finalists/site selected
 - Full applications requested from 15 finalists
 - Step Four: Peer Review of Finalist Applications
 - At least 2 reviewers per application with at least 1 industry reviewer
 - Scored areas: Unmet Need, Innovation, Competition, Work Plan, Investigator, IP
 - Step Five: Award of Seed Grants
 - Final review of scores by UC-DDC Executive Committee
 - Awards of up to \$50,000 made
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Drug Discovery Education & Training

- **Hands-on Training in Core Methods and Principles**

- Post-docs and graduate students eligible to apply
- 15 total participants selected (3/campus)
- Lectures and practical laboratory exercises

- **Three workshops held to date**

- Assay Development for Drug Discovery @ UCLA
- Drug Metabolism and Pharmacokinetics @ UCSD
- Late Stage Drug Development @UCD



- **Public Lectures:** Drug Discovery and the UC's presented at UCSD through Osher Lifelong Learning Institute

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UCCore

TARGET NOMINATION ▼

HIT GENERATION ▼

LEAD OPTIMIZATION ▼

PRECLINICAL DEVELOPMENT ▼

CLINICAL DEVELOPMENT ▼

UNIVERSITY
OF
CALIFORNIA

UC-CORE enables drug discovery by connecting researchers with relevant resources across the entire University of California network.

How to use

Events

Contact/Partners

Build partnerships with industry and develop sustainability

Current Model:

- **Industrial Membership Rights & Obligations**
 - Various levels of membership & annual dues
 - Ability to review DDC funded work at defined frequency
 - Non-exclusive option on work funded with industry dues
 - Exclusive option if no non-exclusive options exercised
- **UC-DDC Roles & Responsibilities**
 - Provide access to innovation
 - Serve as entry portal to UC drug discovery and drug development activities
 - Provide project management & expertise to support funded research

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Looking Forward

– Continued Engagement of Industry Partners

- First partner, Astellas, signed in 2019
- Discussions with potential industry and technology partners well underway

– Refinement of Consortium Activities

- Work with industry partners to maximize collaborative potential
- Drive collaborations through continued introductions

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UC DDC Partners

- **UC Office of the President**
- **Our Seed Grant Reviewers**
- **UC Offices of Technology Management and Innovation Ventures**
- **UC BRAID**

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How to Contact Us

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