Collaborative Drug Discovery’s web-based software organizes preclinical research data to help scientists advance new drug candidates more effectively.

CDD’s industrial-strength data platform, hosted in “the cloud”, is affordable to academic laboratories, research foundations, and small companies.

Analyze and mine your data intuitively through a web browser. Collaborate securely with other researchers in your own lab…or across the globe. CDD’s software accelerates international R&D projects combatting neglected infectious diseases, as well as traditional commercial drug discovery projects.

**CDD Vault**

Store experimental data securely in a private data vault that CDD hosts and manages for your research group. Analyze your data anywhere.

CDD’s intuitive web interface hyperlinks chemical structures and bioassays automatically to reveal structure–activity relationships.

Easily mine your data exploiting intelligent chemical and biological informatics tools to discover or optimize leads.

All you need is a web browser. There’s nothing to install, maintain, or worry about backing up. CDD provides training and full support.

**CDD Collaborate**

Exchange data confidentially with your colleagues. You choose whether to share, which data sets to share, and with whom to share.

Interdisciplinary teams comprised of scientists down the hall or around the world can effortlessly and securely contribute data to a unified, confidential database. Display, mine and analyze data across locations.

Sharing is optional, selective and secure. You control who can see which sets of data, or specify subsets.

Data contributed separately by biologists and chemists correlate automatically and display in context.

**CDD Public**

Search public-access data from leading research groups. CDD hosts the data for the research community as a free service.

Any scientist can register for free and exploit CDD’s full suite of biological and chemical informatics tools to mine the public data sets.

CDD customers can seamlessly mine their own private data combined with the public data.

Optionally, contribute public-access data to virtual drug discovery research communities organized by therapeutic or target areas, or start a new network.

*For more information visit www.collaborativedrug.com or call us at +1 650-204-3084.*
Collaborative Drug Discovery, Inc. offers the first community-oriented data platform that enables you to organize and mine your preclinical drug discovery data securely and privately on the web, then selectively share none, some, or all of the data with colleagues you specify. CDD’s affordable software “in the cloud” combines unprecedented ease of use (through an intuitive web-browser user interface) with powerful SAR mining capabilities. Scientists in academia and small biotech companies rely on CDD Vault and CDD Collaborate to safely and securely store, manage, mine and collaborate around their chemistry and biology data. The software transparently integrates, registers, and hyperlinks data contributed by multiple researchers or research groups located anywhere in the world.

Your data remain completely private and secure unless you explicitly choose to share. When you’re ready, exchange selected data confidentially with colleagues you specify, or share openly with the scientific community. CDD supports emerging community-oriented research networks, a new paradigm in the fight against neglected infectious diseases.

CDD trains and fully supports all users with superior service that we tailor appropriately to novice students or chem/bio-informatics experts.

**Archive**
- Encrypted data vaults optimized to accelerate drug discovery research
- Intuitive web browser interface
- Secure and private access
- Automatic, instant backup of data
- Multiple data types easily imported into and logically organized in your private vault:
  - enzyme / cell / animal bioactivity
  - PK / PD / ADME / Tox
  - structured data (Excel, CSV, SD/SDF)
  - unstructured data (Word, JPG, PDF…)
- Automated handling of HTS data
- Full support provided by CDD
- Data contributed separately by biologists and chemists correlate automatically and display in context

**Mine**
- Search by chemical substructure, chemical similarity, bioactivity, potency, selectivity, composite queries and many other attributes
- Automatic calculations:
  - Lipinski’s rules
  - physical–chemical properties
- Visualization tools for plate data
- ChemAxon structure editors
- Search seamlessly across private data, data shared with you in confidence, and public-access data
- Export data to standard formats
- Intelligent structure-aware tools designed for ease of use by both experts and those with no chemoinformatics experience

**Collaborate**
- You retain full control — you decide if, when, with whom and on what terms to share data
- Integrate interdisciplinary teams via a secure, unified database
- Link scientists located down the hall or around the world
- Share data directly through the web-based interface
- Relax — security is built in
- Hold and analyze data sets privately until a discovery is patented or published, then easily release them to selected collaborators
- Special features prevent accidental sharing of private data

“Five years ago our lab tested 20 compounds a year with no way to handle 200. Today, with CDD’s software, we can fully process 3,000 new compounds per year and advance the best compounds to late-stage development.”

— Dr. James McKerrow, UCSF

“It’s a great tool for mining and sharing data with collaborators. I’ve used a couple of other programs, but they don’t put everything together so intuitively.”

— Mary Lynn Baniecki, PhD, Harvard Medical School

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