



dkNET: The NIDDK Information Network

DKNET.ORG

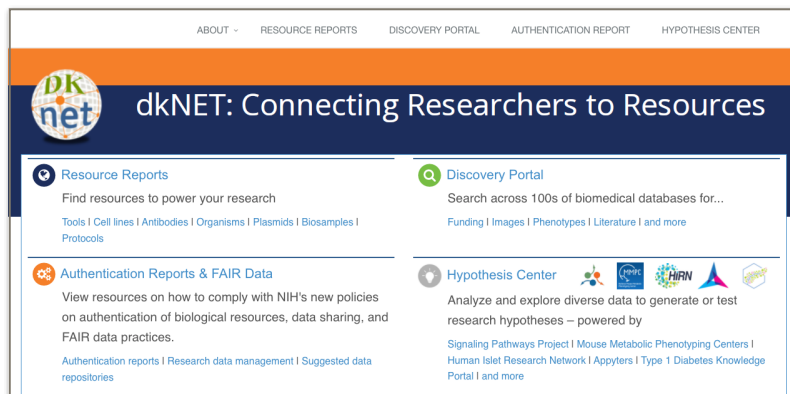
The NIDDK Information Network (dkNET, <https://dknet.org>) is a web-based portal created to provide information to connect the NIDDK community of researchers to scientific resources. The portal provides access to large pools of data and research resources relevant to the mission of NIH's NIDDK (The National Institute of Diabetes Digestive and Kidney Disease). By aggregating biomedical resource information, dkNET develops tools and services that assist scientists in conducting more rigorous and reproducible research.

How Can dkNET Help You?

- 1. Resource Reports help you find resources for your research:** Identify key resources while also tracking resource use and performance. You can also find Research Resource Identifiers (RRIDs) for citing resources in literature to help promote data reuse and reproducibility. Do you have a resource to share? Register your resource with dkNET, contact info@dknet.org
- 2. Discovery Portal connects you to the broader biomedical community:** Find resources relevant to your work. dkNET connects you directly to more than 300 biomedical databases and millions of resources.
- 3. RRIDs improve the rigor and reproducibility of your research:** RRIDs help researchers cite key resources in the biomedical literature to improve transparency of research methods and are a part of the MDAR checklist, a pan-publisher checklist created and endorsed by major publishers.
- 4. FAIR Data Resources provides guidance to meet data management and sharing mandates:** Are you ready for NIH's new data sharing mandates that take effect in 2023?
- 5. Hypothesis Center enables you to harness the power of FAIR big data:** dkNET is creating a space for hypothesis generation from big data, allowing researchers to explore different datasets and utilize analytics and visualization tools. Through detailed tutorials, the power of the dkNET Hypothesis Center can help answer the questions of immediate relevance to your research.

Get Involved with dkNET

dkNET provides a platform for resource centers to share events, funding news, and tutorials with the community. Your involvement can ensure that dkNET will meet the needs of the broader NIDDK community. To join the dkNET community, open an account, watch a webinar, sign up on our e-mail list, check the community calendar, follow us on Twitter [@dkNET_Info](https://twitter.com/dkNET_Info), and participate by providing feedback. To get started, go to <https://dknet.org>.





Register Your Resource via dkNET

dkNET contributes to the SciCrunch Registry, a dynamic database of research resources of interest to and produced by biomedical researchers. Each research resource receives a unique ID that allows it to be tracked in the literature and linked to useful information. Add your resource to SciCrunch Registry via dkNET.org to make your resource findable and accessible to community researchers. Register your resource at <https://dknet.org/about/resource>.

Track Your Resources

You can find literature that cites and mentions your resources in dkNET. The Resource Reports uses Research Resource Identifiers (RRIDs), text mining, and data aggregation to help you track resource use and performance, and to provide information about what resources have been used together.

Application Programming Interfaces (APIs)

dkNET supports open access to data and tools for the community. dkNET provides APIs for developers of resource providers to access and use dkNET data resources and also push data.

dkNET Helps You with Standards for Research Reproducibility: RRIDs

dkNET supports using RRIDs, a new standard for identifying and tracking research resources, e.g., antibodies, animals, databases, used in published studies. **Resource providers:** register your resources to receive RRIDs and encourage your users to use them when citing your resource in papers. RRIDs make it easy to track usage of your resource in the literature.

Information Hub

dkNET promotes using your center's data and tools, and provides a platform for resource centers to share events, workshops, funding news, and tutorials with the community. Contact info@dknet.org for posting information on dkNET news, calendar, and social media. To get involved with dkNET, open an account, sign up our e-mail list, follow us on Twitter [@dkNET_Info](https://twitter.com/dkNET_Info), and participate by providing feedback to us.

