

BD² Open Access Policy

September 2022

The goal of BD² is to develop a deeper understanding of bipolar disorder to facilitate the development of improved Interventions through a collaborative, open and dynamic network of researchers. Open access science is a key value of this initiative. Open access allows research data and results to be accessible online, and free of cost and other barriers. An open access policy allows the rapid and free exchange of ideas to accelerate research and enable discovery. This document outlines the open access policies of BD².

Manuscript Requirements

All manuscripts partially or fully funded by BD² must adhere to the following:

- 1) **Preprint:** Be posted in a pre-print repository upon submission, at latest, to a journal for review. Pre-print repositories include [bioRxiv](#), [medRxiv](#), or similar pre-print repository. Preprints must be identical to the version submitted for publications that include links to repositories of research outputs.
 - a. Obtain the appropriate Creative Commons Attribution license to ensure that the work is shareable. This includes the CC BY, also known as CC BY 4.0, which warrants appropriate attribution to the work and allows that work to be shared freely. The CC0 license, which is also acceptable, does not require attribution, but also allows work to be shared. The journal in which the manuscript is submitted must allow the manuscript to have these licenses.
 - b. This licensing information must be included in the acknowledgements section of the manuscript.
- 2) **Open Access:** Be immediately available via free online access peer-reviewed journal, with no embargo period.
 - a. Publish in a gold or hybrid journal. Note that BD² will pay for all open access publication costs outside of the grant.
- 3) **Attribution:** Appropriately attribute BD².
 - a. The following language must be included in the acknowledgments section of the publication or other research output, such as dataset, software, resource, or protocol. If there is not a specified place for Acknowledgements, use the notes or detail area of the record:
 - i. *This research was funded in whole or in part by BD²: Breakthrough Discoveries for thriving with Bipolar Disorder [Grant number]. For the purpose of open access, the author has applied a CC BY [replace with CC0 if appropriate] public copyright license to all Author Accepted Manuscripts arising from this submission.*
 - b. We want to ensure that the public can track BD² funded grantees, therefore we ask that BD² is also included in author affiliations.

- i. In addition to an investigator's home institution, a BD² -specific affiliation should be designated as such: *BD²: Breakthrough Discoveries for thriving with Bipolar Disorder, Santa Monica, CA*

Data Requirements

All research outputs, including data, protocols, standard operating procedures and code, are deposited in a publicly accessible repository and cited in publications. Data include primary data, metadata, software, tools, and reagents used, with the exceptions of protected health information.

- 1) **Data Repositories:** Data repositories used must:
 - a. Enable immediate open access to data upon preprint posting and manuscript submission,
 - b. Allow reuse with licensing,
 - c. Assign a unique and persistent identifier to the dataset, such as a digital object identifier or accession number that allows linking and citation,
 - d. Ensure that data are deidentified health information are adequately protected,
 - e. Provide long-term preservation and storage of data, which meet the ISO's [trustworthy digital repository standards](#).
- 2) **Protocols and Standard Operating Procedures (SOP):** Protocols and SOPs must be made publicly available and updated through a protocol sharing service such as [protocols.io](#).
- 3) **Tools and Reagents:** Tools and reagents funded by BD² must be citable and shareable to allow for reproducibility. This includes cell lines, transgenic models, plasmids, clones, and monoclonal antibodies. Use the [Resource Identification Portal](#) to locate appropriate repositories.
- 4) **Code-based Research:** Software, algorithms, scripts and other code-based research outputs must be made available through code repositories like [GitHub](#) and be assigned a DOI. [Zenodo](#) can also be used to assign a DOI.
- 5) **Virtual Grantee Platform:** Researchers funded by BD² will use a custom-built Research Outputs Management System to track and develop a catalog of research outputs to enhance access to these resources within the network. Use of this platform will be a factor for future follow-on funding decisions.

Additional Endorsements

There are several organizations, guidelines, and efforts to improve open access among the research community. We expect BD² to be a highly influential organization, which will make an impact on continuing these efforts. We support BD²'s endorsement of the following organizations and efforts:

- 1) [cOAlition S](#) - This coalition of organizations endorses Plan S, an initiative that promotes open access publication of research funded by public grants.
- 2) [FAIR Principles](#) - These guidelines promote research data to be findable, accessible, interoperable, and reusable.
- 3) [Panton Principles](#) - These principles promote open access to research data to allow for the analysis, processing, and sharing without financial, legal, and technical barriers.

- 4) [SfDORA](#) - The Declaration on Research Assessment promotes eliminating journal-based metrics, assessing merit-based research and not journal reputation and improving publication requirements for the betterment of research.