

Configuring Globus with ICBR as a HiPerGator Account Holder

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[i](#) **Target Audience** [↗](#)

This document is intended for ICBR customers who **are** affiliated with the University of Florida and **have** a HiPerGator account.

What is Globus? [↗](#)

Globus is an easy-to-use, high-performance data transfer tool developed by the Computation Institute, the University of Chicago and Argonne National Laboratory. UF Research Computing has deployed Globus as one mechanism to facilitate data transfer to and from HiPerGator. Globus uses a grid-FTP network which uses the power of multiple servers to simultaneously transfer data.

Target Audience & Prerequisites [↗](#)

These instructions are geared towards ICBR customers that have an account on HiPerGator and would like us to deliver their data directly to HiPerGator.

[i](#) **Before You Start** [↗](#)

Please make sure that you read all of these instructions when configuring your collection. Most issues that arise can be resolved with the information contained in this document.

Configuring Globus [↗](#)

Once you grant ICBR the correct permissions to your Globus Endpoint we can re-use it for future data deliveries.

1. Navigate to <https://www.globus.org/> and click **Log In** on the upper right-hand side



2. Under the "Look up your organization field" select **University of Florida**. Authenticate with your GatorLink credentials when prompted.

Log in to use Globus Web App

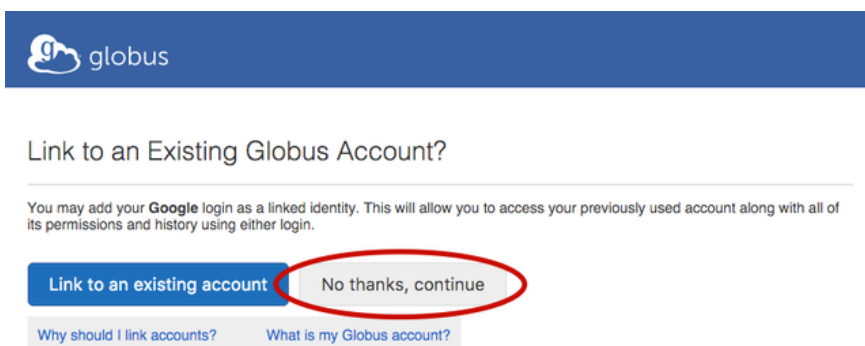
Use your existing organizational login

e.g., university, national lab, facility, project

Didn't find your organization? Then use [Globus ID](#) to sign in. ([What's this?](#))

Continue

3. Once you've logged in with your GatorLink credentials, Globus will ask if you'd like to link to an existing account. If this is your first time signing up to use Globus (you don't already have an existing account), you'll click "No thanks, continue".



globus

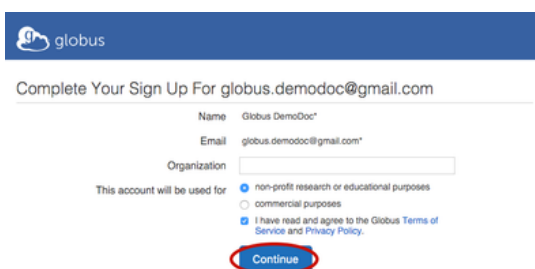
Link to an Existing Globus Account?

You may add your **Google** login as a linked identity. This will allow you to access your previously used account along with all of its permissions and history using either login.

[Link to an existing account](#) **No thanks, continue**

[Why should I link accounts?](#) [What is my Globus account?](#)

4. You may be prompted to provide additional information such as your organization's name and whether or not Globus will be used for commercial purposes. Please complete the form and click "Continue".



globus

Complete Your Sign Up For globus.demodoc@gmail.com

Name: Globus DemoDoc*

Email: globus.demodoc@gmail.com*

Organization:

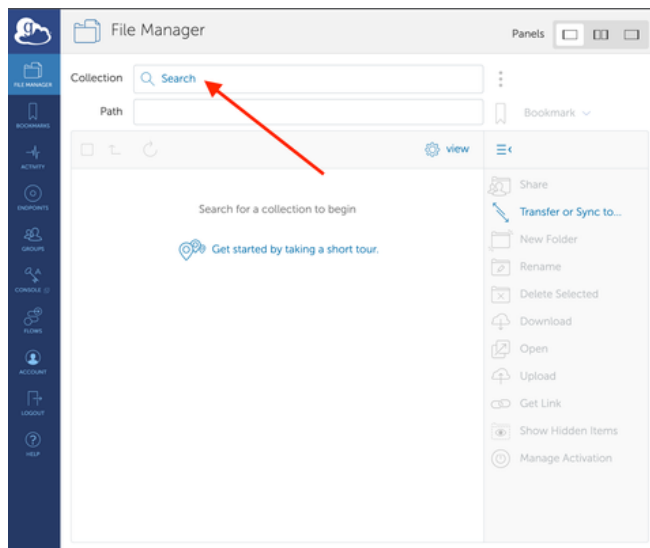
This account will be used for:

- ☒ non-profit research or educational purposes
- ☐ commercial purposes

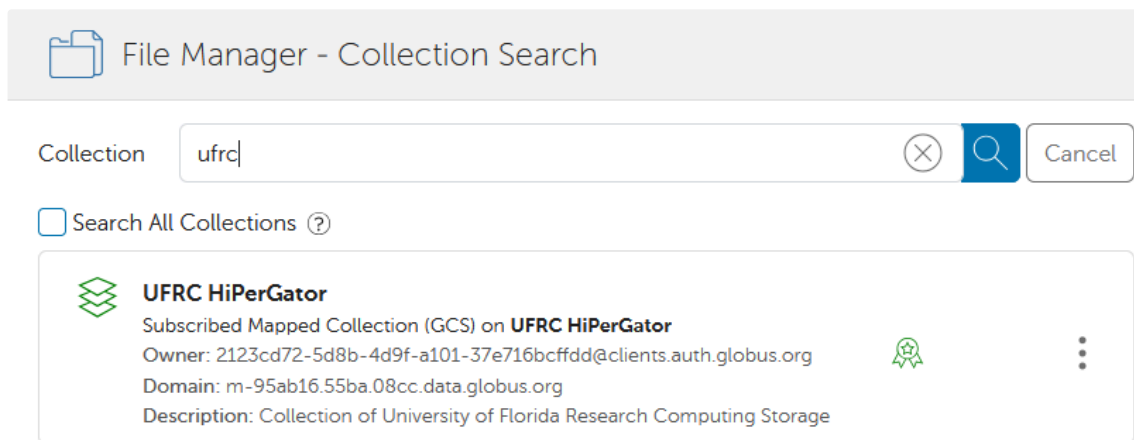
☒ I have read and agree to the [Globus Terms of Service and Privacy Policy](#).

Continue

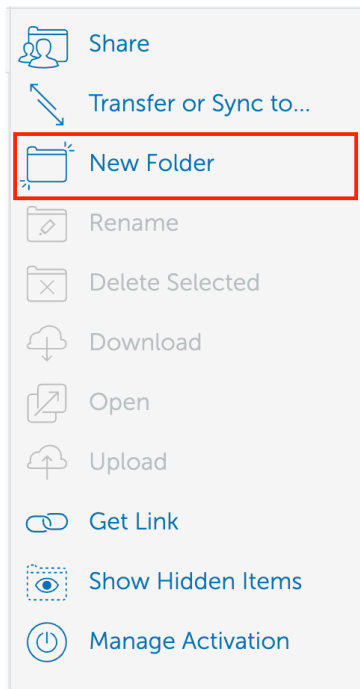
5. After you've signed up, you'll be sent to the Transfer Files page, or you can select **Transfer Files** from the Manage Data submenu.
6. Under Transfer Files you will see two columns that contain a link that reads "Start by selecting an endpoint," click the one on the left.



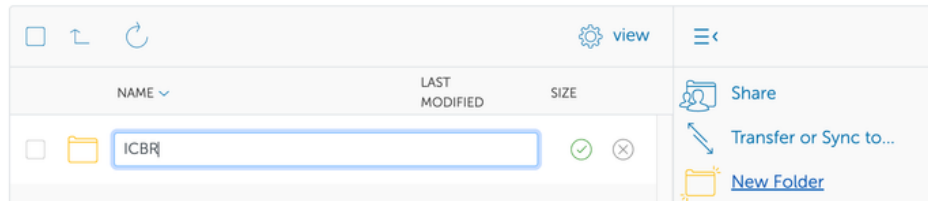
7. A window will open with a field containing the text "Start by typing the name of an endpoint..." Search for **ufrc**.



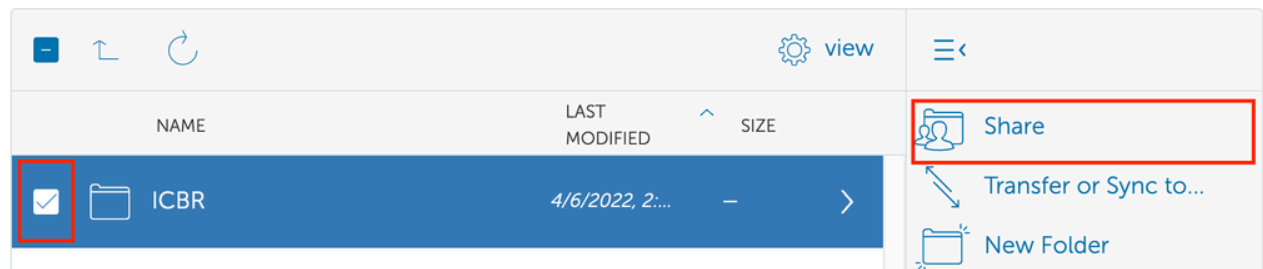
8. Click on the **UFRC HiPerGator** Mapped Collection
9. When prompted, enter your GatorLink credentials and click on **Authenticate**.
10. In the Path dialog type the path to the storage location for your hipergator group. This will be either /orange/yourgroupname or /blue/yourgroupname.
11. In your storage location, you will create a new folder that ICBR will use to upload data.
You can create a folder by clicking the **New Folder** located on the upper right-hand side of the column.
Click "**New Folder**"



12. Title the folder "ICBR" and click the green check mark to the right of the folder name.



13. Once you have created the folder, click on the folder and click on **share** on the bare above.



14. After you click on share you will be redirected to a page titled **Guest Collections**. Within that page, click **Add Guest Collection**.

15. Please use the following naming convention for the the **Display Name** - Institution-LabName-PIname. Example: UF-PathogenLab-AlbertA



Create new Guest Collection

You are creating a guest collection on **UFRC HiPerGator** to share data

User Credential **Clinton Collins (clintc)**

Globus Identity ▶ Clinton Collins (clintc@ufl.edu)

Directory **Browse**

Display Name

Description

Keywords

Information Link

Contact Email

Organization

Department

Other Contact Info

Default Directory **Browse**

☒ Force encryption on transfers to and from this collection

Create Collection

16. Click on **Create Collection**.

17. Within the Sharing tab enter the following:

- Share With: user
- Identity/Email: enter ICBR-DataDelivery@ad.ufl.edu click on **Add**
- Check the box next to Send Email
- Permissions: read and **write** (without the write permission we won't be able to push data to your collection)

18. Click on **Add Permission**

Post-Configuration

Once you have completed these steps, **ICBR Data Delivery** should receive a notification that access has been granted to your Globus collection.

Additional Resources

For more information on Globus and other useful documentation, please see the following:

- [Log In and Transfer Files with Globus](#)
- [Link a New Identity to an Existing Globus Account](#)
- [Share Data Using Globus](#)
- [Install and Configure Globus Connect Personal for Mac OS X](#)
- [Install and Configure Globus Connect Personal for Windows](#)
- [Install and Configure Globus Connect Personal for Linux](#)