Configuring Globus to receive ICBR datasets

Prerequisites

These instructions are for ICBR customers who would like to receive datasets on a storage location on a computer running Globus Connect Personal. Although the size of the data delivered varies greatly by platform and run configuration, ICBR suggests that customers have 500GB to 2TB of free space accept deliveries. ICBR will be delivering raw instrument output and secondary analysis files.

> ✅ **Storage**
>
> We suggest that customers have 500GB to 2TB of free space accept deliveries. Please contact ICBR-DataDelivery@ad.ufl.edu for questions about the size of your dataset.

Section I: Account Setup

If you have a gatorlink ID with the University of Florida then you already have a Globus account since UF has purchased a site license for Globus.

If you are not affiliated with UF, find out if your organization has a subscription for Globus and follow the directions for using Globus at your organization. General information about Globus can be found here: 🌐 Globus

If your organization does not have a subscription for Globus, you can create a Globus ID and install Globus Connect Personal without charge to receive data from ICBR.

> ℹ️ Do not create a Globus ID if you are affiliated with the University of Florida and have a Gatorlink ID or if you already have a login with an organization that has purchased a Globus subscription.

1. Complete the form at https://www.globusid.org/create.
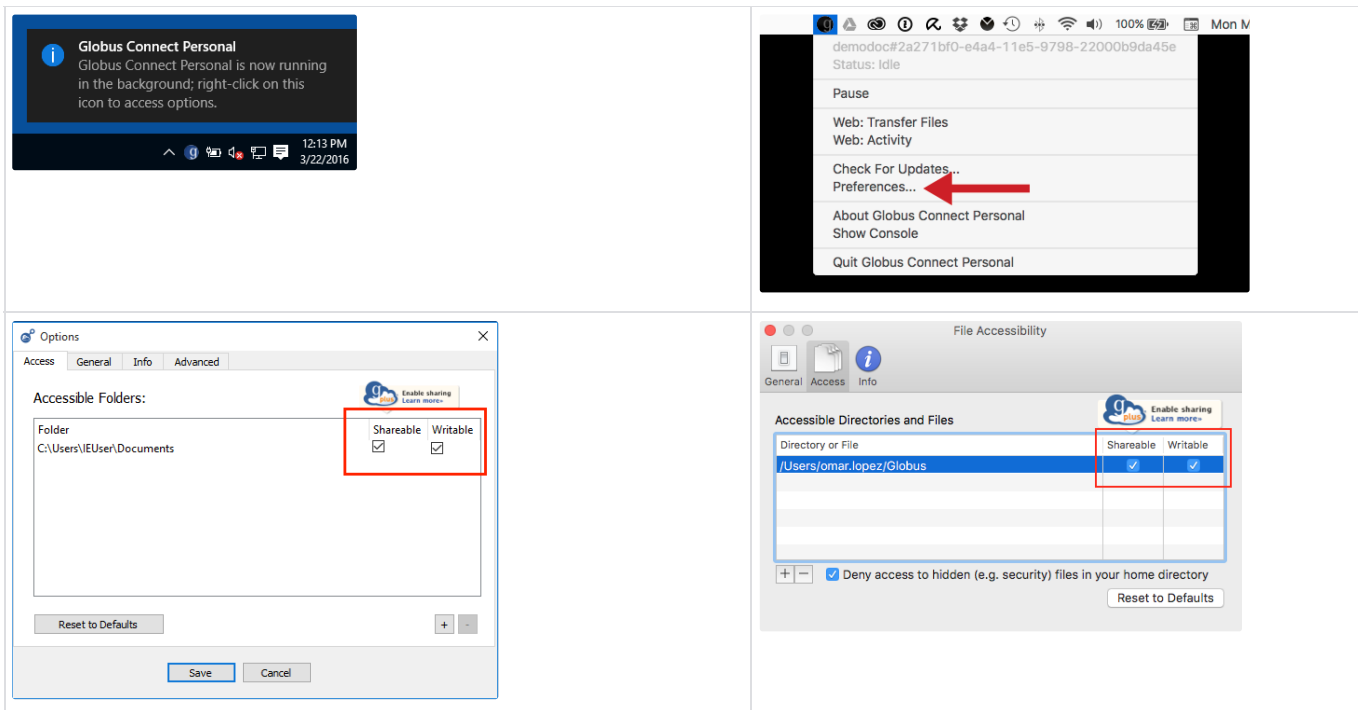
Section II: Installing Globus Personal Connect

Use the instructions found here: 🌐 Globus Connect Personal   to install Globus Connect Personal. When naming the collection (the place where you will store files), it should be specific to you. We suggest "OrganizationName-LabName-PrincipleInvestigatorName". Example, for at lab at the University of Florida, UF-AntiBodyLab-CCollins.

> ⚠️ Don't put our name (ICBR) in your collection name since that can cause confusion for identifying your collection as you and your organization.

> ✅ Please ensure that you configure Globus Connect Personal to be "Shareable" and "Writable" within the **Access** tab of the preference pane in the client.

Ensuring the Globus Connect Personal is Shareable and Writable:

Microsoft Windows	macOS
You may configure Globus Connect Personal by right-clicking on the Globus Connect Personal icon in the taskbar and selecting "Options...". Configuration options are divided into four groups; the most important (and commonly used) are the "Access" and "General" options. The "Access" tab lists folders that will be accessible via Globus for file transfer and sharing. By default, the only folder listed is your home directory.	You may configure Globus Connect Personal by clicking on the Globus Connect Personal icon in the main menu bar and selecting "Preferences...".

Tips for a smoother process:

- Make sure the computer receiving the data has enough storage space to accept the data. Biotech datasets are large. We recommend having 500GB to 1TB of free space on the disk that will receive the data.
- Make sure the computer is connected to a fast reliable network. Wired connections are more reliable than wireless connections.
- If the computer receiving the data goes into a low power sleep mode the data transfer will be interrupted.
  - If this happens, Globus can pick up where it left off. Any data successfully received does not have to be re-sent.