

Summary: How to setup Macintosh computers running Mac OS X 10.6 to print via the **CUPS printer server in BioQuant.

This is a two step process. First, you must enable your Macintosh to see the centrally shared printer queues and second add the queue to your computer.

To enable your Macintosh to see the centrally shared printer queues first start Safari web browser. Type in **http://localhost:631** in the address field.

Select the "Administration" tab.

Under 'Server' select 'Edit Configuration File' Add a new line under the heading '# Show shared printers on the local network' with the following text

BrowsePoll quantinfra.bioquant.uni-heidelberg.de:631

Save you changes and the printer services will restarted.

[In the pop up security screen, put in your local account name and logon password for the Macintosh computer]

Back on the 'Administration' page click on 'Advanced' which is below the 'Server Settings'. Ensure that 'Show printers shared by other systems' is checked and that CUPS is also checked.

Again, save your changes by clicking on 'Change Settings'

After the printer service is restarted, select the heading "Printers"
Here you should a list of all the centrally shared printer queues.

[This is a one off procedure. This step is not required when adding additional printers.]

How to add the printer queue(s).

Still using the Safari web browser, select 'File' and 'Print' (or just press "⌘ P")

Click on the drop down list beside 'Printer' and select 'Add Printer'. From the next screen under the heading 'Default' select the printer you wish to use and press 'Add'

Using the Print & Fax section of the System Preferences you can define which printer queue is the 'Default' queue.

1. Choose System Preferences from the Apple menu.
 2. Choose Print & Fax from the View menu.
 3. Click the drop down list beside 'Default Printer' and select the queue you want.
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** The CUPS (Common UNIX Printing System) printer server in Bioquant has all publically available printers listed. The cups server enables a common and unified way for BioQuant users to setup printers, check the status of their printer queue and print job status.
<http://quantinfra.bioquant.uni-heidelberg.de:631/>