

UF | ICBR Cytometry

University of Florida, Interdisciplinary Center for Biotechnology Research

<https://biotech.ufl.edu>

CTAC ICBR SOP: Starting the Argon Laser

Starting the Argon Laser on the Leica TCS SP5 Confocal Microscope

Materials Required:

Argon Laser unit

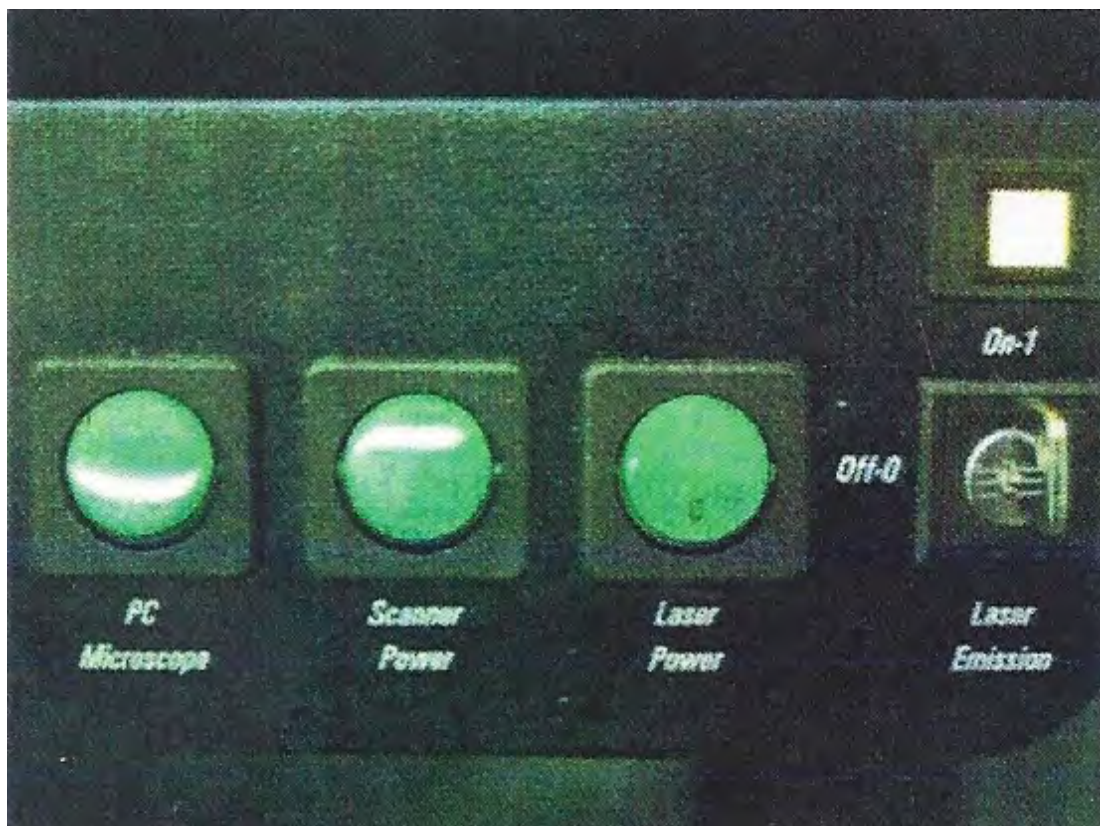
Leica TCS SP5 Confocal Microscope.

Purpose:

To facilitate operation of the Argon laser system for the Leica TCS SP5 Confocal Microscope.

While the instrument will most likely be on and ready to operate when you arrive. If it is not, follow these steps to turn it on and begin your session:

1. Turn on the three green buttons, (right side of the table), beginning with the left button.



2. Turn the argon laser on by turning the key to the right and releasing it. The key will remain in that position and the yellow light should become illuminated.

3. Turn on the switch to the Excite light (mercury lamp) located to the right of the microscope.



If the computer is not running, power it on, and type “**admin**” for the password.

IMPORTANT: When you are finished return the Argon laser power to 0% and clean the objectives used with clean lens tissue paper.