

## **Troubleshooting the AF6000LX microscope in room DU12**

### **If the LASX software refuses to start or otherwise not work then:**

1. Leave the Hg lamp in its present state (either on or off).
2. Is the main microscope control box (box nearest the wall) switched on?  
If not switch it on and try to start LASX again.
3. If you still get an error message "Turret not locked" on startup, check that the lens turret on the microscope has a lens clicked into position. With the control box off rotate the turret until the next lens clicks in, then turn on the main control box and start LASX. (LASX will not work if a lens is even slightly out of position).
4. If LASX still will not work try the following and perhaps a short prayer.
5. Shut down the software, computer and main control box (LHS of the microscope nearest the wall).
6. Once the computer has shut down, pull out the power cord at the back.
7. Press the start button on top (this uses residual charge and clears the computer memory).
8. Reconnect the power cord and restart the computer.
9. Turn on the microscope main control box.
10. Restart the LASX software.
11. At startup, check that the DefaultDynamicWidefield configuration is set to load, select "configuration" and choose if anything else is shown.

### **If the microscope stage makes a hammering noise then:**

Please turn off the microscope main control box immediately (box on the left, nearest the wall) and call for help.

If problems persist contact **Colin Gray on 0114 2159580** and log an incident on the microscope booking system.