**Using the Cell Irradiator Cabinet**

If anything is unclear or suspicious, please contact the RPS (Simeon Nill, 71 6222)

**Power ON**

1. Visual inspection of the device and the power cables (Any damage to the housing, doors, water leaks, damaged cables, warning lights)
2. Turn on the device by setting the switch at the top of the cabinet to 1.
3. Press the blue reset button and log into the control system by selecting login. Use the virtual keyboard to enter your login id and password. Press the X-ray button to continue. Check that the green light is active.
4. Remove the key from the key safe and insert the key into the control unit (“Standby”).
5. Close the door.
6. Press the Warm-up button. Select the short warm-up button except if the system has not been used for more than 14 days.
7. Press confirm and turn the key to the “Enable X-Ray position”. The orange LED will be activated.
8. Press the green X-Ray On button when it is illuminated. After a few seconds the red LED should become active.
9. After the warm-up is completed turn the key to the “Standby” position and proceed as planned.

**Attention: Use gloves only when handling cells and accessories which will come in direct contact with the cell probes. Disinfect all accessories when finished. Do not touch the control unit, the filters or any other items with your gloves.**

**Power Down**

1. Stop the irradiation
2. Turn the key on the control unit to “Standby” and put it back into the safe.
3. Remove all experiment equipment, clean up if necessary, close the door.
4. Press the home button to return to the login screen.
5. Logout.
6. Switch off the Cell Irradiator cabinet by setting the switch at the top of the cabinet to 0.
7. The cabinet will power down after approximately three minutes.