

General Lab Rules for Cytogenetics

- Keep the lab tidy. Failure to do so will result in the loss of open lab privileges.
- Great care should be taken with the microscopes. Once the light source has been properly centred (see Appendix1) there should be very little adjustment needed. Take the time to ask your demonstrator for assistance if you are having difficulties maintaining a clear field of view. Immersion oil should only be used on the drawing and photo microscopes to keep the general use microscopes clean. If you find an eye piece or objective has debris on it, it can be gently cleaned with a Kimwipe or cotton swab. Make sure you turn off your microscope and cover before leaving the lab.
- Never use alcohol or acetone to clean the microscopes as it can destroy the lens cement. Immersion oil can be cleaned off of objectives or slides using a cotton swab moistened with petroleum ether.
- Focus in an upward direction when using the coarse adjustment and use the fine focus when focussing downward. Preventing contact between the objective and your slide will avoid costly damage to your microscope.
- **Extinguish alcohol burners immediately after use.**
- MSDS sheets for all chemicals can be found in the lab.
- **Late penalties** for lab assignments will be assessed at the same rate as course assignments.
- Any slides that a student prepares are for their personal use. Slides are considered individual work, slide sharing will not be tolerated.