



## CMCA SAMPLE PREPARATION SUPPLIES

### Users please note:

- All listed items are for use within the CMCA, and will not be supplied for preparation to be conducted in other laboratories.
- To have access to any of the listed items, you must be a current registered user of the CMCA.
- Any usage of consumables above 'reasonable' amounts may incur an additional charge.
- Chemicals not purchased by the CMCA which are brought into the Centre, must come with an MSDS and be recorded by the Laboratory Manager (Steve Parry) BEFORE USE.
- Anyone using the Chemical laboratory must first complete a 'Chemical Laboratory Induction'. Contact Steve Parry or John Murphy to arrange for your induction.
- If you have any queries or concerns, please contact Steve Parry for more information.

### **GENERAL:**

The CMCA *does not* provide: Forceps, specialist chemicals, diamond knives, areas for sample storage or CD's for data storage.

### **OPTICAL MICROSCOPY:**

ITEMS SUPPLIED			NOT PROVIDED
Glutaraldehyde	Glass knives	Propylene oxide	Slide storage boxes
Paraformaldehyde	Glass slides	Spurr's resin	Fluorescent probes
Ethanol	Coverslips	Embedding moulds	Diamond knife
Acetone	Nail polish	Toluidine Blue	Forceps
Osmium tetroxide	Kimwipes	Razor blades	CD's for file storage
Phosphate Buffer	Disposable gloves	Boats for glass knives	Sample storage area
Cacodylate Buffer	Disposable pipettes	Syringes & filters	Special stains
Disposable tubes	Glass pipettes	Filter paper	
Glassware	Mountant (DePeX)	Basic histology stains	
Schiff's reagent	Glycol methacrylate	Propanol/Butanol	

**TRANSMISSION ELECTRON MICROSCOPY:**

ITEMS SUPPLIED			NOT PROVIDED
Glutaraldehyde (EM grade)	Glass knives	Propylene oxide	Grid storage boxes
Paraformaldehyde	Filter paper	Spurr's resin	Forceps
Ethanol	Disposable gloves	Embedding moulds	Diamond knife
Acetone	Disposable pipettes	Razor blades	Sample storage area
Osmium tetroxide	Glass pipettes	Boats for glass knives	CD's for file storage
Phosphate Buffer	Cu grids*	Uranyl acetate	Grids other than Cu
Cacodylate Buffer	TEM Film	Lead Citrate	Teflon moulds
Disposable tubes	LR white resin	Syringes & filters	Special resins
	Araldite resin	Glassware	

\*Grids may be Carbon coated or Formvar filmed by arrangement

**SCANNING ELECTRON MICROSCOPY:**

ITEMS SUPPLIED			NOT PROVIDED
Glutaraldehyde	Carbon tape	Propylene oxide	Sample storage boxes
Paraformaldehyde	Glass slides	Spurr's resin	Stubs
Ethanol	Carbon paint	Syringes & filters	Forceps
Acetone	Disposable gloves	Disposable tubes	CD's for file storage
Osmium tetroxide	Kimwipes	Glassware	Sample storage area
Phosphate Buffer	Disposable pipettes	Embedding moulds	
Cacodylate Buffer	Glass pipettes		
Filter paper	LR white resin		

**CRYO-PREPARATION & MICROSCOPY\***

ITEMS SUPPLIED			NOT PROVIDED
Cryo vials	Liquid Nitrogen	Molecular sieve	Acrolein
Sample Storage (LN <sub>2</sub> )	Liquid Propane	Tissue-Tek	
Diethyl ether	Silica gel		

\*Also includes all items listed under 'Scanning Electron Microscopy'