

L

Labelling

Thousands of eppendorf of varying volumes, universals, bijous, Durans, vials and test tubes all need labelled. Labels are designed using Avery or Microsoft Word.



A

Autoclave

Media – Agar and Agarose

Sterilisation – Tips and tubes

Waste – kills everything for safe disposal



B



Biology Level One

Approx. 900 students
Level 9 in the Boyd Orr Building
Labs ran throughout the year:-

Semester 1
Microscopy
Pipetting skills
Cell Motility
Dissection

Infectious Disease and Immunity 1, 2, 3



Semester 2
Bradford Assay
Photosynthesis
Chromosomes
Protein Structure and Function
Crosses
Genetic Disease and Profiling
And various summer schools



A

Agar and Agarose

Assisting technicians to make Agar and Agarose.
Agar weighed out and distilled water added.
Agarose weighed out and TAE buffer added.
Agar and Agarose into the autoclave on a media run.
Stored in the chemical store.



S

Steeping, Washing and Rinsing (Sustainability)

All universals, bijous, Durans, measuring cylinders, volumetric flasks and beakers steeped in appropriate cleaning solutions overnight, washed and rinsed with water the next day. Items placed into the dishwasher and then the drying cabinet.
It is important to be sustainable and to use glass wherever possible.



S

Sterilisation

Each eppendorf tube (of varying volumes) must have the lids closed in a biological safety cabinet sterilised with ethanol. Tubes are then placed into the autoclave for sterilisation.



I

International Women's Day

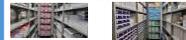
8th March is International Women's Day.
Using a petri dish filled with jelly and sweets, 200 local Brownies and Guides participated in a jelly cells lab.



S

Stores

Equipment stores contain Protein and Agarose gel tanks, power packs, balances, eppendorf, universal and bijou racks, water baths and incubators.
Consumable and bench set-up store contains plastics including tips, pastettes, gloves, tissues, ELISA racks, labelled Durans and eppendorfs. Chemical store is where chemicals are safely kept when not in use.



T

Topping Up Lab Essentials

The labs require a daily check of all items including disinfectant spray bottles, blue roll, white roll in the dispensers, soap and gloves.
Each student drawer is checked to ensure all items are present and in the correct orientation.



A

Aliquoting

Solutions are made up by technicians and I assist with aliquoting the solutions into their designated vials. Solutions are stored correctly until they are used in the lab.



N

Nurturing

Spider plants and Red Hot Poker Plants are maintained in the lab. Watered and fed with Baby Bio once a week during the winter and twice a week during the summer. Both these plants can be used during the photosynthesis lab where the students look at the leaves under a microscope.



T

Time Travel

My Dad previously worked at the University of Glasgow as a Technician and worked alongside a couple of colleagues who are still working here today.



All photos taken and sourced by me, Pamela Younger. Time travel photo belongs to Jim Younger. Animal photos taken by Joss Hamilton.