



# Health and Safety in the School of Biology



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12.00PM

Donna Pierz-Fennell  
School of Biology Manager      DP61@st-andrews.ac.uk  
Health and Safety Officer      Purdie 352, x3626

# Health and Safety need not be boring...



# Safety and the Lab

- ▶ Science is a hands-on discipline
- ▶ You'll be doing many activities in the lab that potentially require the use of hazardous chemicals and (expensive!) lab equipment
- ▶ Safety for you, and for others sharing the lab space, is the School's number one priority



# School of Biology Health and Safety Manual

We have an online H&S manual on the Biology website:

Biology home page

'Staff Resources'

Health and Safety resource section

<http://synergy.st-andrews.ac.uk/biocurrentstaff/health-and-safety/>

Coming Soon: Biology Health and Safety on Moodle

## School of Biology Health and Safety Manual

At 56 pages, it's a reference manual and not really useful to print out a copy for each person...



Contains information on:

- School H&S structure
- General Lab safety
- Safety regulations and procedures
- Security after hours and overnight: NO

## Responsibilities for staff and students in lab practicals

- **Supervisors** need to ensure the day-to-day Health and Safety of undergrads working in the lab.

- **Students** need to be responsible about making demonstrators and technicians aware of **any** accidents, dangerous situations or near-miss accidents.



## Safety First: Your Responsibilities in the Lab

- ▶ Good lab practice is to be aware of what is going on around you at ALL times.

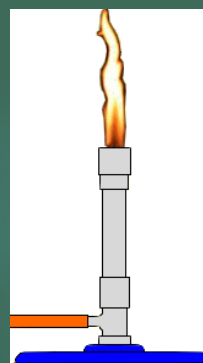


- ▶ Food and drink are not allowed in the lab



- ▶ EVERYONE is responsible for keeping the lab a safe place to work!

## Safety First: Your Responsibilities in the Lab



Which of the following statements concerning safety in the lab is correct?

1. All chemicals should be mixed together to see what happens.
2. Long hair should be tied back when working with a bunsen burner.
3. Chemicals should be tasted before and after a reaction to determine if a reaction has actually occurred.

## Safety in Practice

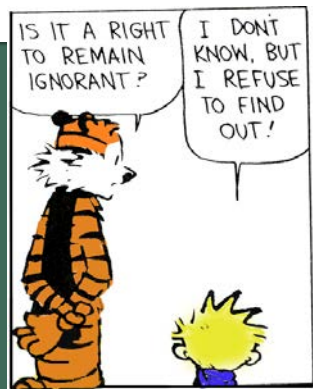
Dr Magnus Alphey, the School's BSRC Health and Safety Co-ordinator, will give specific information about working in the BMS building and the Purdie teaching labs



Safety in the lab means always being prepared for the unexpected...



## A final thought ...



[dp61@st-andrews.ac.uk](mailto:dp61@st-andrews.ac.uk)

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