

BIOSAFETY NEWS

It's Planting Season!

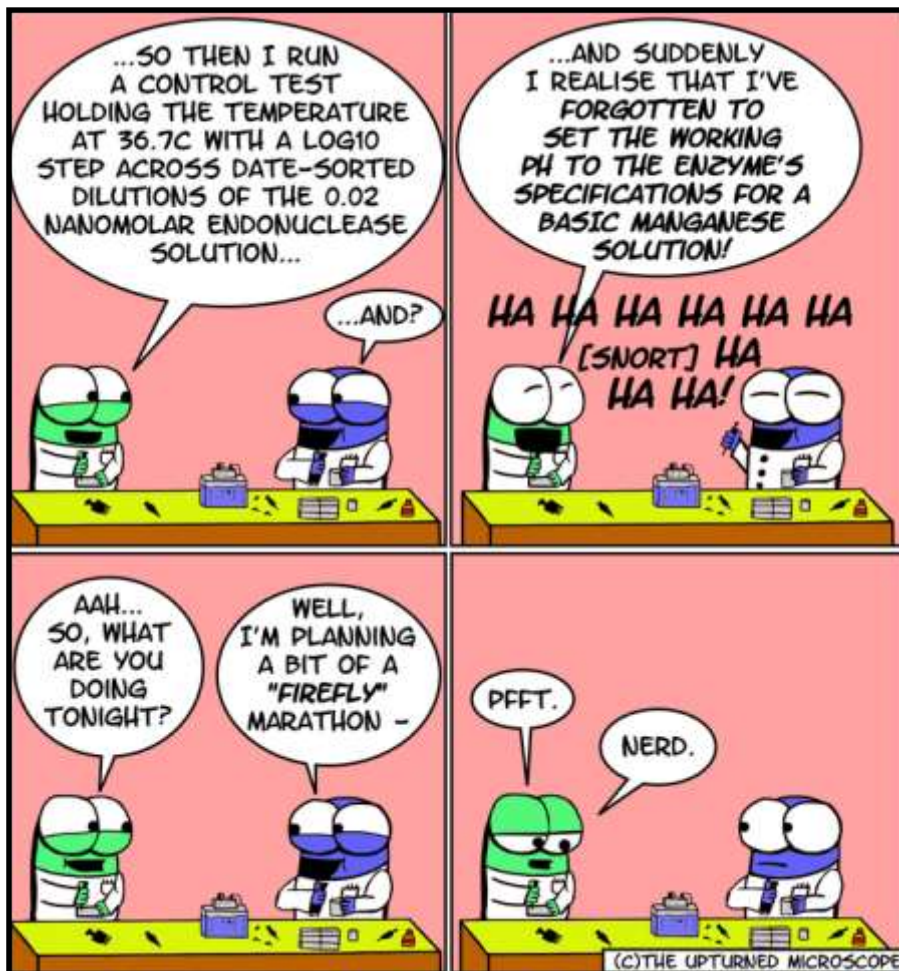
Research with transgenic plants, plant pest species, or plant pathogens requires safe handling, appropriate containment and is subject to federal regulations (USDA-APHIS, EPA, FDA), the NIH Guidelines and the University of Kentucky Institutional Biosafety Committee (IBC). Plant researchers are to be aware of the following:

- ◆ APHIS permits are individual and location specific. Permitted materials must be under the control of the applicant and remain in the location listed on the permit. Taping permits to growth chambers that are not in the listed location is not allowed.
- ◆ Laboratories working with transgenic plants, insects, or plant pathogens should use appropriate signage not containing the universal biohazard symbol. An exception to this rule is if a plant pathogen adversely affects the health of humans and is under BSL2 containment. Contact the Department of Biological Safety for appropriate signage.
- ◆ Researchers with active field trials of transgenic plants are required to update their IBC registrations with accurate field GPS coordinates every year.
- ◆ All researchers with field trials of transgenic plants are required to be registered with the Institutional Biosafety Committee. Copies of planting permits are required for approval of registration.
- ◆ Copies of non compliance reports from USDA must be forwarded to the Department of Biological Safety (email: biosafety@uky.edu, fax: 323-3838).



Inside this issue

- Plant Researcher Guidelines
- Lab Acquired Infection Report
- Better Bio Awards
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The Importance of Biosafety:

The following report in *Clinical Infectious Diseases* describes an incident of a lab worker contracting HIV from a replication competent recombinant clone. The worker was not aware of any previous incident or injury from which they were infected! This illustrates why training, awareness, and replication competency testing of recombinant viral constructs are necessary for safe laboratory work. Click on the citation below for an active link to the report.

[Soria A, et al. Clin Infect Dis. 2016;doi:10.1093/cid/ciw851.](https://doi.org/10.1093/cid/ciw851)



The Dept. of Biological Safety would like to thank the following labs for setting a shining example of lab housekeeping and maintenance.
Well done!

Nelson
(Sander s-Brown)

LOVELL
(SANDERS-Brown)

Perry S.
(PSB)

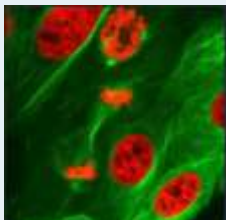
MOYLAN
(MED SCI)

GEDALy
(MED SCI)

Small e
(KTRDC)

Mitosis-LIVE!

Click on the image below for an animated gif of cell mitosis.



Link: <https://gfycat.com/UniqueOrdinaryEgg>

Biosafety Reminder:



University of Kentucky safety policies stipulate that doors of laboratories utilizing biological hazards, chemicals and radioactive materials remain locked when unoccupied.

Thank you for locking your doors!



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As part of the Division of Environmental Health & Safety, the Department of Biological Safety is responsible for programs concerning the safe use of recombinant and synthetic nucleic acids, infectious agents, and potentially infectious materials such as human sourced materials in the research and teaching laboratories at the University of Kentucky. This includes training, auditing, and consulting with researchers, laboratory personnel and teaching staff concerning compliance with the federal and state laws and regulations in these areas.

Visit us on the web!

<http://ehs.uky.edu/biosafety/>