

Virginia Tech IBC and the NIH Guidelines

The Virginia Tech IBC reviews and documents all research and teaching activities that involve the use of recombinant and/or synthetic nucleic acid molecules. This includes activities that are conducted with non-infectious or non-toxic agents. Virginia Tech IBC policies are based on the requirements outlined in the NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules.

The Virginia Tech IBC reviews all research and teaching activities involving recombinant and/or synthetic nucleic acid molecules, even if the experiments are exempt by the NIH guidelines.

If you are unsure whether or not you need to register your activities with the Virginia Tech IBC, please contact the IBC administrator (ibc@vt.edu).

Contact the Virginia Tech IBC

North End Center, Virginia Tech
300 Turner Street NW, Suite 4120
Blacksburg, VA 24061
540-231-1910 (Phone)
540-231-0959 (Fax)

<http://ibc.researchcompliance.vt.edu/>

email: ibc@vt.edu



Institutional Biosafety Committee

Institutional Biosafety Committees (IBCs) are the cornerstone of institutional oversight of research that involves the use of biohazardous agents, including recombinant DNA. The Virginia Tech IBC has been charged with the planning and implementation of the campus Biosafety Program with a purpose to ensure the health and safety of all personnel working with biohazardous agents.

The Virginia Tech IBC oversees all activities involving biohazardous agents, regardless of the funding source(s).



Do I need to register with the IBC?

If your research and/or teaching activities involve any of the following items, yes, you need to register with the IBC.

- Infectious Agents (bacteria, viruses, protozoans, fungi, etc.)
- Biologically derived toxins
- Human and/or non-human primate cells, tissues, blood or body fluids
- Production of cultures ≥ 10 L
- Recombinant DNA/RNA
- Synthetic Nucleic Acid Molecules
- Transgenic Animals, invertebrates and/or plants
- Select Agents
- Prions
- Dual-Use Technologies
- Synthetic Biology
- Human gene transfer

What are the steps involved with registering with the IBC?

1. Submit an IBC protocol registration.
 - A. You can contact the IBC Administrator to discuss your activities. The administrator will then guide you through the documents and training that you will need to complete.
 - B. If you would like to begin the process on your own, forms and training information, can be found online at our website (<http://ibc.researchcompliance.vt.edu/>).
2. Complete all required training. Please note that the PIs, as well as lab personnel, must complete all training.

All documents must be submitted to the IBC administrator (ibc@vt.edu). Upon submission, the IBC Administrator will work with you to make sure that your protocol is complete, and that you obtain all necessary training and inspections.

What training is required?

There are 3 types of training required for all IBC protocols. Please visit our training web page for more information, including how to complete the training (<http://ibc.researchcompliance.vt.edu/training>)

If you have any questions regarding the required training, please contact the IBC administrator (ibc@vt.edu).

1. **On-line biosafety training:**
All personnel are required to complete the biosafety training, currently offered through CITI.
2. **Protocol-specific training:**
Examples of this training are NIH Guidelines training, autoclave use, biosafety cabinet use, blood-borne pathogen training, biohazard awareness training.
3. **Lab-specific training:** This training must be provided by the PI.