



# VUMC Export Compliance

## Export-Controlled & Restricted Biological Agents

### *What biological agents are restricted?*

Below is a list of agents restricted for export by the U.S. Government. Be aware that this list is not exhaustive and is subject to change at any time.

1. Any item on the Commerce Control List from the Department of Commerce found here: <http://bit.ly/2FMMGsz>
2. Any agent on the Select Agent List found here: <http://www.selectagents.gov/SelectAgentsandToxinsList.html>
3. Any item on the Australia Group List of Human and Animal Pathogens found here: [http://www.australiagroup.net/en/human\\_animal\\_pathogens.html](http://www.australiagroup.net/en/human_animal_pathogens.html)

### *What is an export?*

An export is defined as any oral, written, electronic, or visual disclosure, shipment, transfer or transmission of any commodity, technology (information, technical data, assistance) or software code to anyone outside the U.S., including U.S. citizens, or to a non-U.S. entity or individual, wherever they are located.

- It is important that VUMC faculty and staff are aware of export control requirements and how they may affect their work. If you work with any of the following (or similar) agents and/or you intend to send samples or data abroad, or plan to collaborate with foreign colleagues either here or in foreign countries, we urge you to contact VUMC EC directly on the web at <https://www.vumc.org/globalsupport/50084> or via email at [vumc.export@vumc.org](mailto:vumc.export@vumc.org).
- We will help familiarize you with what restrictions apply to the agents in your lab and how to incorporate the export control requirements into your research program.





## Fungi

- *Coccidioides immitis*;
- *Coccidioides posadasii*;
- *Cochliobolus miyabeanus* (*Helminthosporium oryzae*);
- *Colletotrichum kahawae* (*Colletotrichum coffeanum* var. *virulans*);
- *Magnaporthe oryzae* (*Pyricularia oryzae*);
- *Microcyclus ulei* (syn. *Dothidella ulei*);
- *Puccinia graminis* ssp. *graminis* var. *graminis*/*Puccinia graminis* ssp. *graminis* var. *stakmanii* (*Puccinia graminis* [syn. *Puccinia graminis* f. sp. *tritici*]);
- *Puccinia striiformis* (syn. *Puccinia glumarum*);
- *Peronosclerospora philippinensis* (*Peronosclerospora sacchari*);
- *Phoma glycinicola* (formerly *Pyrenochaeta glycines*);
- *Sclerophthora rayssiae* var. *zeae*;
- *Synchytrium endobioticum*;
- *Thecaphora solani*;
- *Tilletia indica*

## Vaccines & Immunotoxins

- Vaccines against items controlled above;
- Immunotoxins containing items controlled above;
- Medical products containing toxins (e.g. botulinum toxin, conotoxin, etc.)
- Diagnostic and food testing kits containing items controlled above

**NOTE:** *Genetic elements from any of the categories above are also controlled.*

*Specifically, any nucleic acid sequences which code for biological toxins, any nucleic acid sequences that are a hazard to human health when transcribed or translated, or any nucleic acid sequence that would make any restricted microorganism above more pathogenic.*

*This also covers microorganisms that have been genetically altered to express the above genetic elements.*