

**Subject:** Re: biohazards  
**From:** priti krishna <prkrishna@uwo.ca>  
**Date:** Wed, 19 Jan 2011 11:41:30 -0500  
**To:** John S Millar <jsmillar@uwo.ca>  
**CC:** jstanle2@uwo.ca, bernards@uwo.ca

This is no surprise; allege, harrass, not understand biological sciences procedures and pass on the blame.

On Jan 19, 2011, at 10:37 AM, John S Millar wrote:

Dear Priti;

In response to my suggestion that you consult Mark about crafting a clear response to the Biohazards Subcommittee, you replied "I have already responded to your false allegations and wait for an apology". While I appreciate your confidence in my authority to issue you an apology, I have no authority to do so. As Chair of the Subcommittee, I only pass along requests from the committee. In your case, your e-mail response to Jennifers earlier question implied that you bypass customs and permits by using regular mail. The committee requested clarification of this issue quickly because the external regulators will be reviewing our program soon and they pay particular attention to outstanding issues. The committee wanted to have your BARF signed off before that review to avoid your protocol attracting any special attention. If you had provided an appropriate explanation for your procedures I am sure your BARF would have been approved by now. Unfortunately, you did not clarify your situation and I will have to return your case to the committee, resulting in a further delay.

Sincerely;  
Jack

Krishna

**Subject:** Fwd: Re: Biological Agents Registry Form

**From:** John S Millar <jsmillar@uwo.ca>

**Date:** Mon, 17 Jan 2011 14:36:35 -0500

**To:** jstanle2@uwo.ca

Jennifer;

We can discuss this Friday.

Sigh.....

Jack

----- Original Message -----

**From:** priti krishna <pkrishna@uwo.ca>

**Date:** Jan 17, 2011 1:04:15 PM

**Subject:** Re: Biological Agents Registry Form

**To:** John S Millar <jsmillar@uwo.ca>

**Cc:** Mark Bernards <bernards@uwo.ca>

Jack

I have already responded to your false allegations and wait for an apology.

priti

On Jan 17, 2011, at 12:58 PM, John S Millar wrote:

Priti;

Please have a chat with Mark before you make your formal response.

Jack

On 01/17/11, priti krishna <pkrishna@uwo.ca> wrote:

Hi Jack

shifting the blame on us is not the solution, but rather having concrete regulations at the university level (perhaps by the committee you chair) is the way to go. We get our seeds with Ray williamson's knowledge and act in accordance with what we are told by him and customs . If you need clearance on anything specific, please ask accordingly.

sincerely

priti

On Jan 17, 2011, at 10:12 AM, John S Millar wrote:

Dear Priti;

The Biohazards Subcommittee of the University Safety Committee reviewed your

Biological Agents Registry Form (BARF) submission at its December meeting and found your response to an earlier enquiry (attached) to be unacceptable.

By importing material by regular mail to avoid customs and permits you are in violation of the Tri-Council Agency's Memorandum of Understanding:

[http://www.nserc-crsng.gc.ca/NSERC-CRSNG/Policies-Politiques/MOURoles-ProtocolRoles/13-Biohazards-RisquesBiologique\\_eng.asp](http://www.nserc-crsng.gc.ca/NSERC-CRSNG/Policies-Politiques/MOURoles-ProtocolRoles/13-Biohazards-RisquesBiologique_eng.asp)

By not following applicable regulations, you could put the University's standing with funding agencies at risk, which could have serious consequences for you, your Department, and the University.

The Subcommittee requests that you address this issue immediately.

Sincerely;

Jack Millar  
Chair, Biohazards Subcommittee

<Priti Krishna e-mail.doc>

**Subject:** Fwd: seed permit  
**From:** priti krishna <prkrishna@uwo.ca>  
**Date:** Mon, 17 Jan 2011 14:46:08 -0500  
**To:** Jennifer Stanley <jstanle2@uwo.ca>  
**CC:** Mark Bernards <bernards@uwo.ca>

Hi Jennifer

perhaps you can keep this e-mail for future reference with respect to seed permit. We have a renewed permit and use it when we get shipment by courier.

priti

Begin forwarded message:

**From:** Ray Williamson <purraw@uwo.ca>  
**Date:** November 26, 2008 1:18:52 PM EST  
**To:** priti krishna <prkrishna@uwo.ca>  
**Cc:** Tawhidur Rahman <trahman3@uwo.ca>  
**Subject:** Re: seed permit

Just received the amended import permit for the seed from Ohio State University. The conditions appear to be the same, the amendment is to identify the quarantine location only. Please disregard the previous original permit and use this one. Please let me know when you wish to renew the permit. If you have any questions please let me know. Ray.

Ray Williamson wrote:

That is the only period they are authorizing. An amendment is coming per my communications with CFIA today. Ray

priti krishna wrote:

Hi Ray

Thanks, but why is this permit being applied for only 1 year? Is there a number you can send me so that i can clarify a few things with htem.

thanks

priti

On Nov 25, 2008, at 9:47 AM, Ray Williamson wrote:

Yes and here is a copy of what was faxed to me.

Please note all conditions concerning the handling, storage, transfer or destruction of the imported material. Also, there is a requirement to maintain a log of import activities. I am also attaching a copy of a letter clarifying that CFIA has no import controls, at this time, on cDNA of arabidopsis thaliana in bacterial or yeast culture from Ohio USA and that phytosanitary certification is not required. This will help should any

questions be raised by Customs or Customs brokers.

There is a problem with the conditions of this permit. Number 3 and 4 refer to the address noted on the permit rather than the Canadian destination noted on the application. This seems to be due to me being identified as the applicant rather than you. I've requested clarification on this point to see if CFIA will provide an addendum to the conditions to note the correct end use location. If they cannot, then I will need to cancel this permit and a new application will need to be submitted in your name and with your signature. In the meantime, use this until further advised.

Ray

priti krishna wrote:

Dear T  
Did you ever get the seed permit accomplished?  
p

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Priti Krishna  
Professor, Department of Biology  
The University of Western Ontario  
1151 Richmond St. N.  
London, ON, CANADA N6A 5B7

Ph: 519-661-2111 X 86406  
[priti.krishna@uwo.ca](mailto:priti.krishna@uwo.ca)  
<http://www.uwo.ca/biology/Faculty/krishna/index.htm>

--  
Ray Williamson, CCS (Certified Customs Specialist)  
Manager, Customs and Logistics  
University of Western Ontario  
Financial Services  
Suite 6100 Support Services Building  
London Ontario N6A 3K7  
Tel. 519-661-2111 Ext. 88120  
Fax. 519-661-3071

<CFIA Permit P-2008-04146.PDF><CFIA Permit cDNA Yeast Cultures.PDF>

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Priti Krishna  
Professor, Department of Biology

The University of Western Ontario  
1151 Richmond St. N.  
London, ON, CANADA N6A 5B7

Ph: 519-661-2111 X 86406

[pkrishna@uwo.ca](mailto:pkrishna@uwo.ca)

<http://www.uwo.ca/biology/Faculty/krishna/index.htm>

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|   |   |
|---|---|
| <b>CFIA Permit P-2008-04146 Amended.PDF</b> | <b>Content-Type:</b> application/pdf<br><b>Content-Encoding:</b> base64 |
|---|---|

Part 1.1.3

|                   |   |
|-------------------|---|
| <b>Part 1.1.3</b> | <b>Content-Type:</b> text/html<br><b>Content-Encoding:</b> 7bit |
|-------------------|---|

**Subject:** plant pathogen cultures  
**From:** priti krishna <prkrishna@uwo.ca>  
**Date:** Mon, 17 Jan 2011 14:48:44 -0500  
**To:** Jennifer Stanley <jstanle2@uwo.ca>  
**CC:** Mark Bernards <bernards@uwo.ca>

and this one for plant pathogen from AAFC

----- Forwarded message -----

**From:** Ray Williamson <purraw@uwo.ca>  
**Date:** 17 November 2010 09:42  
**Subject:** Re:  
**To:** bishun prasad <dev.bishnu@gmail.com>

You do not need an import permit then, If there is an issue regarding the lab where the material is being used, it should be referred to Safety. If you are simply looking to pay the invoice from CFIA, then write the speedcode to be used to pay it and send over to me. Ray.

On 2010/11/16 2:09 PM, bishun prasad wrote:

Yes, we have already received the plant pathogen.

On 16 November 2010 13:30, Ray Williamson <purraw@uwo.ca> wrote:  
Sorry. Maybe I misunderstood the original email from Dr. Krishna. I thought you were importing a plant pathogen.

Based on what I'm reading here, it looks like they've already sent you the strains and included an invoice for payment. Is this correct?

Ray

On 2010/11/15 1:22 PM, bishun prasad wrote:

Dear Ray,  
I have filled the application form except signature. Can I put my signature on the form instead of Dr. Krishna? Please find the attached application form with this mail. I am also attaching the covering letter and invoice that we have received from the Canadian Collection of Fungal Cultures, Ottawa. Please let me know if you require some more information.

Thanks  
Bishun

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Ray Williamson, CCS (Certified Customs Specialist)  
Manager, Customs and Logistics  
University of Western Ontario  
Financial Services  
Suite 6100 Support Services Building  
London Ontario N6A 3K7  
Tel. 519-661-2111 Ext. 88120  
Fax. 519-661-3071  
Cell. 519-200-6012

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**THE UNIVERSITY OF WESTERN ONTARIO  
BIOLOGICAL AGENTS REGISTRY FORM**  
Approved Biohazards Subcommittee: October 14, 2010  
Biosafety Website: [www.uwo.ca/humanresources/biosafety/](http://www.uwo.ca/humanresources/biosafety/)

This form must be completed by each Principal Investigator holding a grant administered by the University of Western Ontario (UWO) or in charge of a laboratory/facility where the use of Level 1, 2 or 3 biological agents is described in the laboratory or animal work proposed. The form must also be completed if any work is proposed involving animals carrying zoonotic agents infectious to humans or involving plants, fungi, or insects that require Public Health Agency of Canada (PHAC) or Canadian Food Inspection Agency (CFIA) permits.

This form must be updated at least every 3 years or when there are changes to the biological agents being used.

Containment Levels will be established in accordance with Laboratory Biosafety Guidelines, 3rd edition, 2004, Public Health Agency of Canada (PHAC) or Containment Standards for Veterinary Facilities, 1<sup>st</sup> edition 1996, Canadian Food Inspection Agency (CFIA).

Completed forms are to be returned to Occupational Health and Safety, (OHS), (Support Services Building, Room 4190) for distribution to the Biohazards Subcommittee. For questions regarding this form, please contact the Biosafety Officer at extension 81135 or [biosafety@uwo.ca](mailto:biosafety@uwo.ca). If there are changes to the information on this form (excluding grant title and funding agencies), contact Occupational Health and Safety for a modification form. See website: [www.uwo.ca/humanresources/biosafety](http://www.uwo.ca/humanresources/biosafety/)

|                           |  |
|---------------------------|--|
| PRINCIPAL INVESTIGATOR    | Priti Krishna  |
| DEPARTMENT                | Biology  |
| ADDRESS                   | B&G Sci Rm 3061                                      |
| PHONE NUMBER              | Ext 86473  |
| EMERGENCY PHONE NUMBER(S) | 519-438-9518   |
| EMAIL                     | <a href="mailto:pkrishna@uwo.ca">pkrishna@uwo.ca</a> |

Location of experimental work to be carried out: Building(s) B&G Sci Bldg Room(s) 3061

\*For work being performed at Institutions affiliated with the University of Western Ontario, the Safety Officer for the Institution where experiments will take place must sign the form prior to its being sent to the University of Western Ontario Biosafety Officer (See Section 15.0, Approvals).

FUNDING AGENCY/AGENCIES: NSERC, AAFC-ABIP, OMAFRA  
GRANT TITLE(S):  
Functions of Hsp90,  
Brassiosteroid mediated stress tolerance  
Sea buckthorn transcriptome and metabolome

List all personnel working under Principal Investigators supervision in this location:

| Name                  | UWO E-mail Address   | Date of Biosafety Training  |
|-----------------------|--|-----------------------------|
| Jason Lehrer          | <a href="mailto:jlehrer@uwo.ca">jlehrer@uwo.ca</a>                     | Feb 20 <sup>th</sup> , 2009 |
| Maryam Khodai-Kalaiki | <a href="mailto:mkhodaik@uwo.ca">mkhodaik@uwo.ca</a>                   |                             |
| Bishun Prasad         | <a href="mailto:bprasad2@uwo.ca">bprasad2@uwo.ca</a>                   | Nov 17 <sup>th</sup> 2010   |
| Tawhid Rahman         | <a href="mailto:trahman3@uwo.ca">trahman3@uwo.ca</a>                   | Dec 7 <sup>th</sup> 2010    |
| Tahira Fatima         | <a href="mailto:lfatima@uwo.ca">lfatima@uwo.ca</a>                     | March 2009                  |
| Sangita Sahni         | <a href="mailto:ssahani3@uwo.ca">ssahani3@uwo.ca</a>                   | Nov 17 <sup>th</sup> , 2010 |
| Rajesh gupta          | <a href="mailto:g_rkumar2000@yahoo.co.in">g_rkumar2000@yahoo.co.in</a> |                             |
|                       |  |                             |
|                       |  |                             |

See E-mail

Please explain the biological agents and/or biohazardous substances used and how they will be stored, used and disposed of. Projects without this description will not be reviewed.

1. *E.coli* (DH5 $\alpha$ ) used for cloning, disposed by autoclaving
2. *Arabidopsis* and *Brassica napus* transgenic plants (used for research only to understand functional significance of gene(s), disposed by autoclaving.
3. Ethidium Bromide, used in DNA and RNA visualization, disposed by chemical waste disposal through RPR Environmental.
4. Acrylamide: Used in Protein Gel electrophoresis, , disposed by chemical waste disposal through RPR Environmental.

**Please include a one page research summary or teaching protocol.**

The highly conserved and abundant molecular chaperone Hsp90 (heat shock protein 90) plays key roles in signal transduction, protein degradation and trafficking, chromatin remodeling, epigenetic regulation, and morphological evolution. The significance of Hsp90 is indicated by its 1) **indispensable role** in regulating cell growth through modulations of various signal transduction pathways and its participation in protecting cells from stress; 2) **potential as a capacitor for morphological evolution**, linking response to environmental stresses with development in a way that could influence evolutionary change; 3) **position as a cancer chemotherapeutic target** due to its interactions with key oncogenic client proteins. Hsp90 inhibitors like geldanamycin (GA) and radicicol (RA) interrupt the intrinsic ATPase activity of Hsp90, causing degradation of the client proteins via the ubiquitin-proteasome pathway.

The current project is focused on obtaining a detailed understanding of the functions of Hsp90 in plants and its mode of action. Hsp90 is of particular interest in plants because plants are subjected to sudden changes in their environment that invoke rapid molecular responses, the Hsp90 protein family is the largest in plants as compared to other organisms, and plants contain an additional compartment, the plastid. The study of Hsp90 functions in plants will undoubtedly lead to novel aspects of Hsp90, advancing the link between stress, development and evolution. A good knowledge of the plant Hsp90 system will facilitate our understanding of how proteins are folded, stabilized, activated and trafficked in plant cells.

In recent years we have identified components of the ethylene signaling pathway, ethylene receptors ERS2 and EIN4, and the negative regulator CTR1) as potential novel client proteins of Hsp90. In addition we have uncovered by an in silico approach 24 novel tetratricopeptide repeat (TPR) domain proteins in Arabidopsis as novel co-chaperones of plant Hsp90. This first ever near to complete set of potential TPR co-chaperones uncovered in any organism suggests that the Hsp90 chaperone machinery relies on TPR co-chaperones more than it was previously realized.

The objectives of this project are to 1) characterize in detail Hsp90 complexes in the ethylene signaling pathway and define the functional interrelationships between Hsp90 and its co-chaperones within these complexes; 2) determine effects of Hsp90 manipulation by biochemical and genetic means on ERS2, EIN4 and CTR1 protein and complex stability, as well as on ethylene responses at the plant level; and 3) confirm interactions with the newly identified TPR proteins, determine their functions and the functional significance of their interactions with Hsp90.

The proposed research will lead to new functional dimensions of Hsp90, presenting new opportunities for agrobiotechnology.

**1.0 Microorganisms**

1.1 Does your work involve the use of biological agents?  YES  NO  
 (non-pathogenic and pathogenic biological agents including but not limited to bacteria and other microorganisms, viruses, prions, parasites or pathogens of plant or animal origin)? If no, please proceed to Section 2.0

Do you use microorganisms that require a permit from the CFIA?  YES  NO

If YES, please give the name of the species. \_\_\_\_\_

What is the origin of the microorganism(s)? \_\_\_\_\_

Please describe the risk (if any) of escape and how this will be mitigated:

\_\_\_\_\_  
 \_\_\_\_\_

Please attach the CFIA permit.

Please describe any CFIA permit conditions:

\_\_\_\_\_  
 \_\_\_\_\_

1.2 Please complete the table below:

| Name of Biological Agent(s)* (Be specific) | Is it known to be a human pathogen?<br>YES/NO                          | Is it known to be an animal pathogen?<br>YES/NO                        | Is it known to be a zoonotic agent?<br>YES/NO                          | Maximum quantity to be cultured at one time?<br>(in Litres) | Source/Supplier | PHAC or CFIA Containment Level   |
|--|--|--|--|---|-----------------|--|
|  | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |   |                 | <input type="checkbox"/> 1<br><input checked="" type="checkbox"/> 2<br><input type="checkbox"/> 2+<br><input type="checkbox"/> 3 |
|  | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |   |                 | <input type="checkbox"/> 1<br><input checked="" type="checkbox"/> 2<br><input type="checkbox"/> 2+<br><input type="checkbox"/> 3 |
|  | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |   |                 | <input type="checkbox"/> 1<br><input checked="" type="checkbox"/> 2<br><input type="checkbox"/> 2+<br><input type="checkbox"/> 3 |
|  | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |   |                 | <input type="checkbox"/> 1<br><input checked="" type="checkbox"/> 2<br><input type="checkbox"/> 2+<br><input type="checkbox"/> 3 |

\*Please attach a Material Safety Data Sheet or equivalent from the supplier.

**2.0 Cell Culture**

2.1 Does your work involve the use of cell cultures?  YES  NO

If no, please proceed to Section 3.0

2.2 Please indicate the type of primary cells (i.e. derived from fresh tissue) that will be grown in culture:

| Cell Type         | Is this cell type used in your work?                                | Source of Primary Cell Culture Tissue | AUS Protocol Number |
|-------------------|---|---------------------------------------|---------------------|
| Human             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                       | Not applicable      |
| Rodent            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                       |                     |
| Non-human primate | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                       |                     |
| Other (specify)   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                       |                     |





9.7 Do you use insects that require a permit from the CFIA permit? YES NO  
If YES, Please attach the CFIA permit & describe any

See E-mail

### 10.0 Plants

10.1 Do you use plants?  YES  NO If no, please proceed to Section 11.0

10.2 If YES, please give the name of the species. *Arabidopsis thaliana* and *Brassica napus*

10.3 What is the origin of the plant? Canada and USA

10.4 What is the form of the plant (seed, seedling, plant, tree...)? seed, seedling, mature plant

10.5 What is your intention?  Grow and maintain a crop  "One-time" use

10.6 Do you do any modifications to the plant?  YES  NO  
If yes, please describe: Overexpression of genes CML10, CBPs, DWF4

10.7 Please describe the risk (if any) of loss of the material from the lab and how this will be mitigated: \_  
**There is no risk and we dispose off transgenic material after autoclaving**

10.8 Is the CFIA permit attached? YES  NO  
If YES, Please attach the CFIA permit & describe any CFIA permit conditions:  
**We have obtained a permit to import seeds of Arabidopsis mutants from resource center and other origins**

### 11.0 Import Requirements

11.1 Will any of the above agents be imported?  YES, please give country of origin\_USA  NO  
**We have obtained a permit to import seeds of Arabidopsis mutants from resource center and other origins**

If no, please proceed to Section 12.0

11.2 Has an Import Permit been obtained from HC for human pathogens? YES  NO   
(not required)

11.3 Has an import permit been obtained from CFIA for animal or plant pathogens? YES  NO   
**We obtained plant pathogen cultures from within Canada**

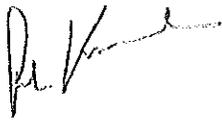
11.4 Has the import permit been sent to OHS? YES, please provide permit # \_\_\_\_\_ NO

### 12.0 Training Requirements for Personnel Named on Form

All personnel named on the above form who will be using any of the above named agents are required to attend the following training courses given by OHS:

- ◆ Biosafety
- ◆ Laboratory and Environmental/Waste Management Safety
- ◆ WHMIS (Western or equivalent)
- ◆ Employee Health and Safety Orientation

As the Principal Investigator, I have ensured that all of the personnel named on the form who will be using any of the biological agents in Sections 1.0 to 9.0 have been trained.



SIGNATURE \_\_\_\_\_

**13.0 Containment Levels**

13.1 For the work described in sections 1.0 to 9.0, please indicate the highest HC or CFIA Containment Level required. X 1 2 2+ 3

13.2 Has the facility been certified by OHS for this level of containment?  
YES, permit # if on-campus \_\_\_\_\_  
NO, please certify  
X NOT REQUIRED for Level 1 containment

**14.0 Procedures to be Followed**

14.1 Please describe additional risk reduction measures will be taken beyond containment level 1, 2, 2+ or 3 measures, that are unique to this agent.

All material is disposed by autoclaving

14.2 Please outline what will be done if there is an exposure to the biological agents listed, such as a needlestick injury or an accidental splash:

Wash thoroughly with soap, wipe with ethanol and apply antibacterial ointment although the material is non-contagious

14.3 As the Principal Investigator, I will ensure that this project will follow the Western Biosafety Guidelines and Procedures Manual for Containment Level 1 & 2 Laboratories (and the Level 3 Facilities Manual for Level 3 projects). I will ensure that UWO faculty, staff and students working in my laboratory have an up-to-date Hazard Communication Form, found at <http://www.wph.uwo.ca/>



SIGNATURE \_\_\_\_\_ Date: Nov 22, 2010

**15.0 Approvals**

1) UWO Biohazards Subcommittee: SIGNATURE: \_\_\_\_\_  
Date: \_\_\_\_\_

2) Safety Officer for the University of Western Ontario  
SIGNATURE: \_\_\_\_\_  
Date: \_\_\_\_\_

3) Safety Officer for Institution where experiments will take place (if not UWO):  
SIGNATURE: \_\_\_\_\_

Date: \_\_\_\_\_

Approval Number: \_\_\_\_\_ Expiry Date (3 years from Approval): \_\_\_\_\_

Special Conditions of Approval:

----- Original Message -----

**Subject:**Re: Biological Agents Registry Form

**Date:**Mon, 22 Nov 2010 07:30:56 -0500

**From:**Maryam Khodai-Kalaki <mkhodaik@uwo.ca>

**To:**priti krishna <pkrishna@uwo.ca>

**CC:**jstanle2@uwo.ca



E-mail

Dear Priti and Jennifer,

I took Biosafety training course on 14th of October 2009.

Warm regards,

Maryam

----- Original Message -----

**From:** priti krishna <pkrishna@uwo.ca>

**Date:** Monday, November 22, 2010 12:11 am

**Subject:** Biological Agents Registry Form

**To:** Jennifer Stanley <jstanle2@uwo.ca>

**Cc:** Maryam Khodai-Kalaki <mkhodaik@uwo.ca>, Rajesh Kumar Gupta <rgupta48@uwo.ca>

- > Hi Jennifer
- > please find attached. Rajesh is a new student and is still to
- > complete his training.
- > Maryam will provide her date of course completion.
- > thanks for your help
- > priti

----- Original Message -----

**Subject:**Re: Biological Agents Registry Form: Krishna

**Date:**Mon, 22 Nov 2010 12:30:13 -0500

**From:**pritti krishna <prkrishna@uwo.ca>

**To:**Jennifer Stanley <jstanle2@uwo.ca>, Ray Williamson <purraw@uwo.ca>

1. I understand that you imported seeds of Arabidopsis mutants from the U.S. (resource center and other origins). Did you have to get a CFIA import permit first and then get the shipment from your American supplier(s)?

Jennifer, we need the permit only if we are using courier and it has to go through customs and safety etc. If we import by regular mail, then we are not asked for the permit although declaration of the material s there.

2. For question 11.3, what plant pathogen cultures do you use?

Leptosphaeria maculans: DAOM 194244 (Saskatchewan) virulent  
Alternaria brassicae: Canadian strain from B. rapa (Saskatchewan)

we just obtained them from

Carolyn Babcock Curator / Conservatrice  
Canadian Collection of Fungal Cultures / La collection canadienne de cultures fongiques  
Agriculture and Agri-Food Canada/Agriculture et Agroalimentaire Canada  
Rm. 1015 K.W. Neatby Bldg / Salle 1015 Pédifice K.W. Neatby  
960 Carling Avenue / 960 avenue Carling Ottawa, Ontario  
Canada K1A 0C6

[babcocke@agr.gc.ca](mailto:babcocke@agr.gc.ca)  
Telephone/Téléphone: 613-759-1772  
Facsimile/Télécopieur: 613-759-1924

thanks  
priti

E-mail