

**Notification A172113-1****Administrative details**

Class of activity 1

**1. Title of activity**

Hackuarium P1 - Open Public Laboratory

<b>Coordinator of global notification</b>	
Aronoff Rachel Hackuarium Chemin du Closel 5 1020 Renens Telephone: 079 327 452 4 Mobile phone: Fax: e-mail: biolab@hackuarium.ch	

<b>Person responsible</b>	<b>Title of activity</b>
Emery Olivier Hackuarium Chemin du Closel 5 1020 Renens Telephone: 079 242 9183 Mobile phone: Fax: e-mail: Olivier.Emery@unil.ch	Deputy Biosafety Officer
Aronoff Rachel Hackuarium Chemin du Closel 5 1020 Renens Telephone: 079 327 452 4 Mobile phone: Fax: e-mail: biolab@hackuarium.ch	Bioluminescent constructs in E. coli (planned for 2018)
Hernandez Dan Hackuarium Chemin du Closel 5 1020 Renens Telephone: xx Mobile phone: Fax: e-mail: dan.fhg@gmail.com	HTGAA Synthetic Biology course

<b>Biosafety Officer</b>	
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<b>Locations</b>	<b>Address</b>	<b>Building</b>	<b>BSO</b>
Hackuarium	Chemin du Closel 5 1020 Renens	Chemin du Closel 5	Aronoff Rachel

## Administrative details

Rooms	Type of facility	Room	Floor	Maximum safety level of facility
Hackuarium	Laboratory	Hackuarium P1	2nd	1

### 8. Duration of the activity

#### 1. Start

*Beginning of the activity (compulsory)*

01.11.2017

**Answers from the notification questionnaire**

**1 Global notification of Class 1 activities under the ContainO / OOSB**

Please note that the summary data collected in this global notification cannot be treated in confidence, as they fall in the category of information that shall in no case be confidential under Art. 24 para. 5 ContainO.

**1.1 General details**

**1.1.1 Does this global notification contain first-time Class 1 activities?**

- Yes
- No

**1.1.2 Are previously notified Class 1 activities being replaced by this collective notification?**

If yes, please give the registration number(s) / "A-number(s)" of the notifications in question.

no

**2 Specific details**

**2.1 Type of activities**

- Research and development
- Diagnostic or equivalent activities (e.g. analysis of environmental samples)
- Practicals / teaching
- Production
- Storage / strain collection
- Other

**2.2 Summary details of the organisms used (for all activities)**

**Plants**

Are plants being used?

- Natural organisms
- GMOs
- None

**Representative examples**

**Animals**

Are animals being used?

- Natural organisms
- GMOs
- None

**Representative examples**

**Bacteria**

Are bacteria being used?

- Natural organisms

- GMOs
- None

**Representative examples**

laboratory E. coli (DH5alpha, for example)

**Viruses**

*Are viruses being used?*

- Natural organisms
- GMOs
- None

**Representative examples**

**Fungi**

*Are fungi being used?*

- Natural organisms
- GMOs
- None

**Representative examples**

**Parasites**

*Are parasites being used?*

- Natural organisms
- GMOs
- None

**Representative examples**

**Cell lines**

*Are cell lines being used?*

- Natural organisms
- GMOs
- None

**Representative examples**

**Primary human cells**

*Are primary human cells being used?*

- Natural organisms
- GMOs
- None

**Representative examples**

**Primary animal cells**

Are primary animal cells being used?

- Natural organisms
- GMOs
- None

**Representative examples**

**Alien organisms**

Are that must be used in contained systems (Art. 5 para. 1c ContainO) being used?

- Natural organisms
- GMOs
- None

**Representative examples**

**Has there been an evaluation under Art 8 para. 2 of the GTA?**

Please answer "Yes" or "No" to this question if you use GM animals.

- Yes
- No
- No GM animals are being used.

### **2.3 Specific questions on activities of research / production / practicals / teaching**

**Have all the organisms used been classified in Switzerland as Group 1 according to the FOEN's lists of organisms (Art. 26 ContainO)?**

- Yes
- No

**If not all the organisms used have been officially classified, please give the reasons for your own classification of the organisms**

**If you are using organisms of Group 2 or higher, please give details**

Please give reasons reasons why they can be handled in Class 1 (excluding analyses and cases under point 2.4, see below)

**Are the cell lines that you use and genetically modify only established Group 1 cells?**

- Yes
- No
- Not used

**Have the primary human cells used tested negative for HIV, HBV and HCV at least, and do they come from healthy donors?**

- Yes
- No
- Not used

**Do the primary animal cells used come from SPF animals (or similar), or have they tested negative for human- and animal-pathogenic microorganisms?**

- Yes
- No
- Not used

**Are cloning or expression systems being used?**

- Yes
- No

**If yes, can the cloning or expression systems used be classified as Group 1, because**

*(please tick where applicable)*

- only Group 1 laboratory strains are used
- no inserts with increased hazard potential (e.g. (proto-), onco-, cytokine- or toxigenes; si/sh/miRNAs) are used
- no gene-editing systems (particularly CRISPR/Cas9) are used, that might generate properties with increased hazard potential (e.g. mutation in an oncogene or a tumor suppressor gene)
- only replication-incompetent viral particles are used
- no amphotropic/pleiotropic/xenotropic viral vectors are used
- only helper virus-free vectors derived from AAV-2, -3 or -5 are used
- only helper virus-free gutless vectors (e.g. HSV-1 amplicons, Ad-5) are used
- there is no contamination with replication-competent helper viruses
- other systems with similarly safe properties are used (please give details)

**2.4 Specific questions on diagnostic or equivalent activities**

*To fill in only in case of diagnostic or equivalent activities.*

**The analyses are performed on:**

- samples from the environment (air, water, soil, food)
- Other

**Are the analyses of soil, water, air or food samples with no increased risk to humans, animals or the environment?**

*(no highly contaminated suspect samples, no cultivation of reference strains, no suspicion of Group 3 organisms, no further confirmation or identification steps)*

- Yes
- No

**Analyses of Group 1 and 2 organisms for diagnostic purposes with no proliferation steps**

*Are the analyses exclusively of Group 1 and 2 organisms for diagnostic purposes with no proliferation steps (e.g. PCR, serology), or only low proliferation, and exclusively in sealed containers (e.g. standard kits such as Urikult, Urotubes, paddle testers)?*

- Yes
- No

**Are you using Group 2 strains that have proved to be as safe as Group 1 organisms?**

- Yes
- No