

Welcome to the CDL



CDL house rules

CDL organisation

4 teams, each led by a team coordinator:

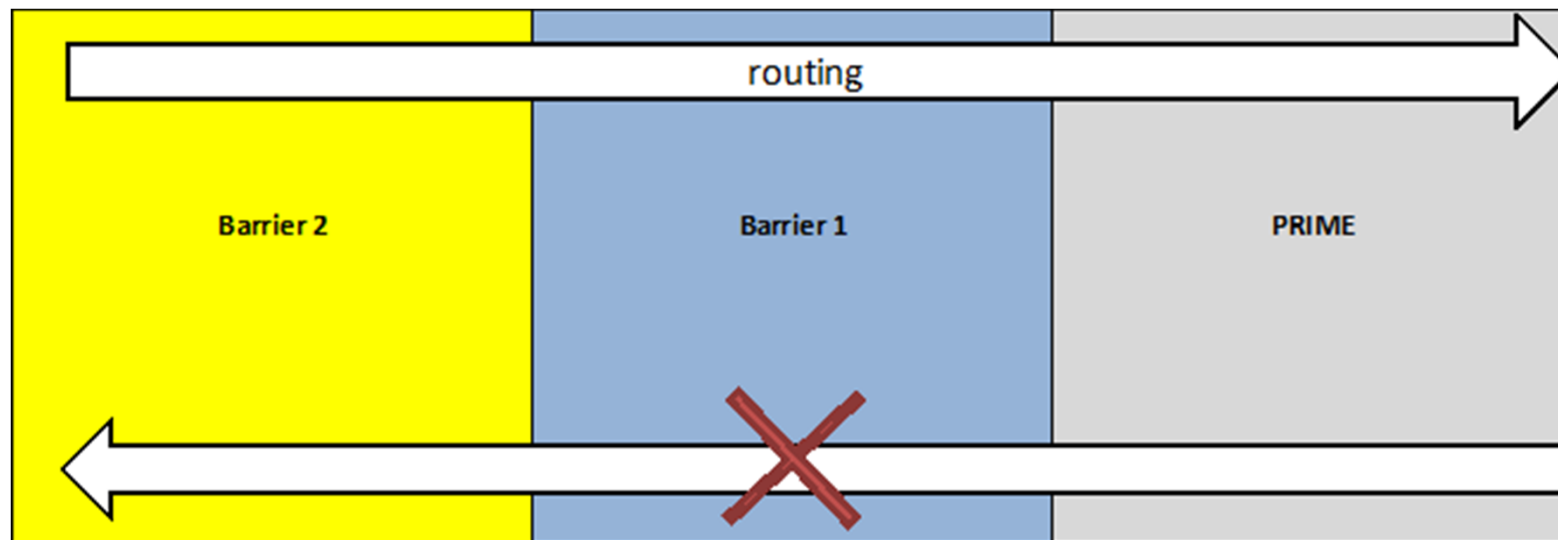
- Team 1 – conventional, large animals incl. surgical theater
Mayke Engels
- Team 2 – conventional, IVC, isolators
Denise Tax
- Team 3 – PRIME
Bianca Lemmers
- Team 4 – Breeding facility and farm in Overasselt
Conrad van der Broek

- *Zebrafish facility – Outside CDL*
Antoon van der Horst

Access rules I

- Access only if in the last 36 hours:
 - There has been no contact with rodents outside CDL Nijmegen (including reptiles fed on rodents)
 - There has been no entrance to a unit with a lower barrier status

NOTE: due to parvo infection within barrier 2 currently no access to barrier 2 and no routing between barriers



* Barrier 1: team 1, barrier 2: team 2

Access rules II

- Admission and authorisation to the unit only after tour of the unit
- Eating or drinking only in designated spaces
- Two types of barriers: unit barrier or room barrier
- Depending on the type of barrier, put on lab coat, hairnet, shoe covers or clogs and make sure legs are covered at the unit entrance OR at entering the animal room or lab. Lab coats should be changed weekly.
- Disinfect your hands before leaving the unit/animal room
- All visitors should be announced to the team prior to the visit. Registration and autograph (at Front Office) is required before entry.

Working in the unit

- Students should be supervised by an Article 9/12-qualified employee, capable of personally carrying out the procedures, who is present in the room. Work outside office hours is also only permissible under these conditions.
- Only after training and assessment of competency, a student may work by himself, within office hours, provided the supervisor is still “within earshot” (5 min).
- Handling of animals only after registration with the Animal Welfare body (art. 9/13f2 person or student)
- No handling of animals without wearing gloves.

Animal housing

- Always take into account the maximum number of animals per cage and use of environmental enrichment.
- Never house animals individually without profound and traceable reason (noted in the logbook or provided for in the protocol)
- Provide animals ad libitum water and food. Be aware of placing the water bottle in a correct manner, to prevent animals to gnaw at the bottles.

Mouse	Type II L 530 cm² / 14cm	Type III H 800 cm² / 18cm	GM500 501 cm² /16cm	GR900 904 cm² /21 cm
	conventional blue line IVC	conventional blue line IVC	green line IVC	green line IVC
EXPERIMENT				
< 20 g	8	13	8	15
20 – 25 g	7	11	7	12
25 – 30 g	6	10	6	11
> 30 g	5	8	5	9
BREEDING				
330 cm ² per couple or per trio. And 180 cm ² extra for each female	1 ♂ + 2 ♀♀ with pups	1 ♂ +3 ♀♀ with pups	1 ♂ + 2 ♀♀ with pups	
Nest material*	sizzle nest	sizzle nest	sizzle nest	sizzle nest
Shelter	1 igloo	2 igloos	1 igloo	2 igloos

*Exception: in the isolators nestlets are used.

Rat	Type III H 800 cm² / 18cm	Type IV 1820 cm² / 21cm	GR900/IVC 904 cm² /21 cm
	-conventional -blue line IVC	-conventional -blue line IVC	-green line IVC
EXPERIMENT			
< 200 g	4	9	4
200 – 300 g	3	7	3
300 – 400 g	2	5	2
400 – 600 g	1	4	2
> 600 g	-	3	-
BREEDING			
800 cm ² per breeding female with pups. And 400 cm ² extra for each adult animal present.	1 ♀ with pups without ♂	1 ♂+1 ♀ with pups or 2 ♀♀ with pups without ♂	1 ♂+1 ♀ without pups or 1 ♀ with pups without ♂
Nest material (only breeding)*	sizzle nest	sizzle nest	sizzle nest
Shelter	1 rat retreat	2 rat retreats	1 rat retreat

*Exception: in the isolators nestlets are used.

During the experiment II

- An authorized protocol in accordance with the project license should be available. Procedure: see start page of iVentionLES.
- After authorization of the protocol, a planning meeting will be scheduled to clarify logistical matters.
- During the experiment, **any remarks regarding animal welfare and all procedures and treatments on animals** should be registered in the welfare logbook in iVentionLES
- After finishing an experiment, the welfare evaluation should be handed over to your CDL contact person by mail.

During the experiment II

- If animals are taken from the holding room for testing, this should be registered in iVentionLES using the entry treatment logbook
- To change information on animals, register the start date of an experiment or transfer animals to another protocol, note the change on the animal label and notify CDL staff
- Never house animals in another room or unit without prior notification of CDL staff member

Use of IVC or flow cabinets

- Depending on the status of the animals and the type of experiment, IVC cages should be opened in a flow cabinet. All handling and activities on animals should also take place in a flow cabinet.
- The cabinets need to be reserved. This can be done sending a mail to the unit mailbox.
- Instructions on how to use flow cabinets can be found in the SOP
- Leave dirty cages in their designated area/location (only) with: emptied feed trough and after removal of all other attributes such as food bowls and wood for gnawing.

DM-II

- Working in the DM-II is only allowed after additional specific DM-II introduction. Contact the responsible contact person of the unit for instructions.

General rules of decency (and efficacy)

- Communicate specific usages and reservation of the labs up front by mailing the unit mailbox.
- Clean instruments after use and store properly.
- Clean and disinfect tables after use.
- Turn off and clean isoflurane equipment after use.
- Turn off gasses and clean CO2 equipment after use.
- Leave dirty cages in designated areas. Remove feed from the cage.
- If animals die or need to be euthanized unexpectedly, necropsy should be performed
- Put dead animals - stripped of all paper, gauzes etc. - in the designated spot in freezer or fridge.

Safety

- Special signs:



Animals treated with
radioactive agent(s)



Animals contaminated with
DM-II

Calamity instructions I



Calamity instructions II

- **In case of calamities the first 4 minutes are of crucial importance!**
- **Order of actions:**
 1. Warn direct colleagues (safety of yourself and other persons comes first).
 2. Notify emergency authority by using fire-button.
 3. Call or have somebody call 55555 to give more detailed information regarding the situation.
 4. If possible: try to extinguish the fire or to limit the calamity.
 5. Never try to extinguish a fire by yourself, always with two, take care of your safety first.
- TIP: program the emergency number in your cell phone now:
024-3055555

Calamity instructions III

- **In case of evacuation:**

1. In case of evacuation: stay calm and follow the directions of CDL evacuation assistant (orange vests).
2. Close windows and doors to prevent spreading of fire.
3. Go to safe area. (e.g. front of the CDL building)
4. If necessary a central place will be pointed out.

Gasses can be turned off by the yellow buttons on every floor. Note: gas will be shut off in the entire building. PRIME has a separate system. Turn off the gas only in case of direct danger. If you hesitate, let the crisis team (management and emergency workers) decide.

- **Do NOT evacuate any animals. If you have any animals under anesthesia, euthanize them directly BEFORE evacuating.**

The crisis team will decide if, how and which animals can be evacuated.