



# ANCA

**ANimalerie CArnoy**

## WHAT WE OFFER : SERVICES & EXPERTISE

- Support and advice on animal care and welfare for the different on-site species (Animal Welfare Bodies)
- Breeding of mice, including wildtype and transgenic lines (single or multiple)
- Expertise in different strategies of mouse mutagenesis, including conditional mutagenesis, Cre/LoxP and CreER<sup>T2</sup>/LoxP approaches, and CRISPR/Cas9 knock-in or knock-out methods
- Breeding and housing of fish models such as *Danio rerio* and *Nothobranchius furzeri*
- Housing amphibian species such as *Xenopus laevis*



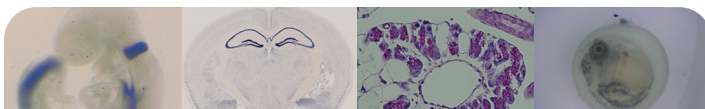
### Warm-blooded species

- Conventional facility equipped with barrier units and IVC housing systems
- Maximum housing capacity of 4500 mice
- 4 rooms dedicated to breeding and rearing
- 3 rooms for experimental procedures
- 25 unique transgenic lines
- High-tech washing system with multiple disinfection procedures
- A separated quarantine space



### Cold-blooded species

- Conventional animal facility with a maximum housing capacity of 1500 fish
- 3 fish rearing rooms (*Nothobranchius furzeri*, *Danio rerio*)
- 3 experimental rooms
- Quarantine space
- Dedicated space for toxicology experiments



### Fields of application

- Developmental biology
- Neurobiology
- Oncology
- Aging and longevity
- Metabolic syndrome
- Dietary interventions promoting healthy aging

## CONTACT

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Picture credits: ANCA - Ludwig Marion

[www.uclouvain.be/anca](http://www.uclouvain.be/anca)