



A N C A

ANimalerie CARnoy

WHAT WE OFFER: services and 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 CreERT²/LoxP approaches, and CRISPR/Cas9 knock-in or knock-out methods
- Breeding of fish models such as zebrafish (*Danio rerio*) and African turquoise killifish (*Nothobranchius furzeri*); and amphibian species such as the African clawed frog (*Xenopus laevis*)



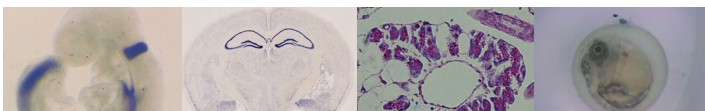
Rodent Facility

- Conventional animal facility with a maximum housing capacity of 1000 rodents
 - 7 rooms dedicated to breeding and rearing
 - 1 room for experimental procedures
 - 1 room for quarantine
- 25 unique transgenic lines



Fish Facility

- Conventional animal facility with a maximum housing capacity of 1500 fish
 - 3 rearing rooms
 - Experimental room
 - Quarantine space
- Zebrafish (*Danio rerio*)
- African turquoise killifish (*Nothobranchius furzeri*)



Fields of application

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

CONTACT

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Picture credits: Ludwig Marion



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