



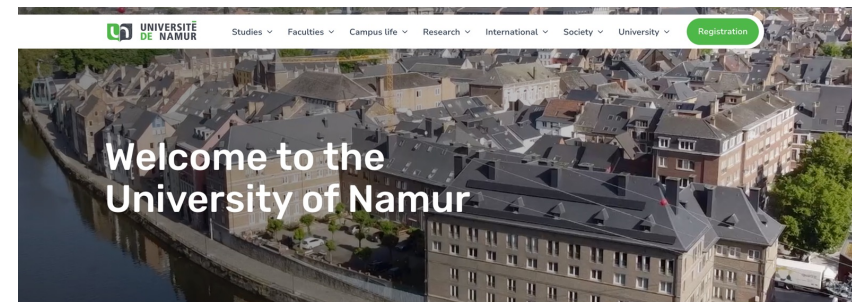
UNIVERSITÉ
DE NAMUR



The University of Namur (www.unamur.be)



- 110 000+ citizens ; lovely and peaceful city in the heart of Belgium ; political capital of the Walloon Region
- Well connected nationally and internationally
 - Brussels: 65 km
 - Paris: 300 km
 - London: 430 km
 - Amsterdam: 265 km
- Full program in biology with diverse research units (18 PIs)



UNamur–UC Davis collaboration (2008–present)

Since 2008, the partnership has facilitated exchanges for **5 PIs** and **11 graduate students**.



Across 5 main leading **UC Davis** groups:

- Dietmar Kültz** > Stress-Induced Evolution of Fish and Marine Invertebrates
- Andrew Whitehead** > Environmental, Ecological, and Evolutionary Genomics
- Andy Sih** > Behavioural Ecology
- Richard Connon (Emeritus)** > Environmental Toxicology
- Amélie Segarra** > Ecological Toxicology and Diseases
- Anne Todgham** > Environmental Physiology in a Changing Climate





Agreement of Cooperation Number 2022-21

AGREEMENT OF COOPERATION

BETWEEN

UNIVERSITY OF NAMUR
Rue de Bruxelles 61, 5000 NAMUR
BELGIUM

AND

**THE REGENTS OF THE UNIVERSITY OF CALIFORNIA,
ON BEHALF OF THE DAVIS CAMPUS**
One Shields Avenue
Davis, CA 95616
UNITED STATES OF AMERICA



Erasmus+ International Credit Mobility

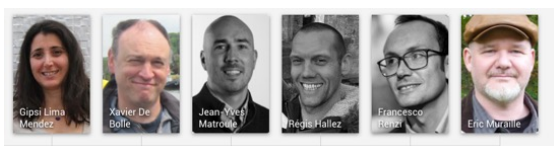
Handbook for Participating Organisations

**Each student receives 1500€ for travel
expenses and 850€ per month**

*First phase ends in June 2026 > 1 student for 6
months or 2 students for 4 months total
remaining*

URBM

Microbiology



URBC

Cellular and Molecular Biology

Molecular and Cellular Biology



URDB

Biology Education Research

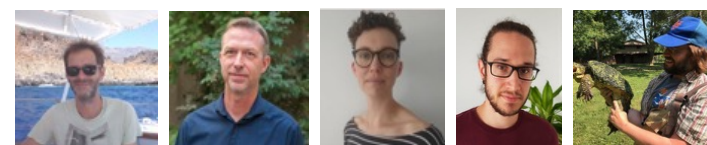


URBE

± 50 people

Environmental and Evolutionary Biology

<https://www.unamur.be/en/science/biology/research/urbe>



Community Dynamics and Ecology
Modeling

Comparative and Evolutionary
Genomics
Snails - invertebrates

Conservation Genomics
Herpetology
Museum Genomics

Evolutionary and Adaptive Physiology
Environmental Epigenomics
Aquatic Ecotoxicology

Behavioral Ecology
Aquatic Ecotoxicology

The mangrove rivulus: *Kryptolebias marmoratus*



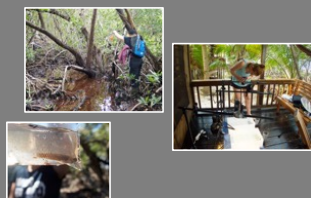
- Distinctive feature: the only self-fertilizing vertebrate
- Interest: to investigate the roles of epigenetics in adaptation and evolution

The turquoise killifish: *Nothobranchius furzeri*



- Distinctive feature: the shortest life-span among model vertebrates
- Interest: ageing processes; interactions between neurotoxicant and ageing; models of neurodegenerative diseases (ND)

Field biology



Evolution of natural populations with low genetic diversity ; conservation epigenetics

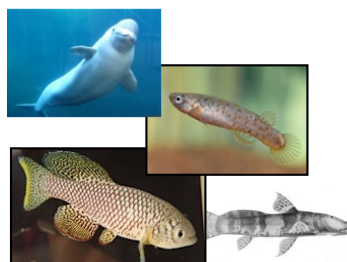
Ecotoxicology



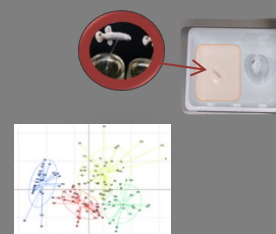
Long-term effects of pollutants (neurotoxicants, EDCs,...) ; epigenetic biomarkers



How organisms respond, adapt, and evolve under environmental change

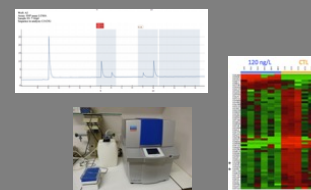


Behavioral phenotyping



Behavioral individuality of personality traits

Molecular mechanisms



Roles of epigenetics in adaptation and evolution

Beluga Whale from St. Laurent: *Delphinapterus leucas*



- Distinctive feature: endangered species in the St. Laurent river
- Interest: to develop epigenetic clock to assess the health status of the St. Laurent population

Astroblepus fish from Ecuador: *Astroblepus* sp.



- Distinctive feature: endemic species in Andes mountains
- Interest: to develop population epigenetics in an altitudinal gradient

Why to travel overseas ?

- To gain international experience for your CV
- To learn new techniques/workflows and work on new model species
- To think of new scientific questions
- To develop a personal international network
- To learn other languages
- To visit Europe



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University of Namur

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The slides can be found here:

