

Le Nézet Louis

5 bis rue de la Chèze – 35310 Cintré, France

☎ +33 604 044 915 • ✉ louis.lenezet@univ-rennes.fr

in <https://www.linkedin.com/in/louis-le-nezet/>

🐙 <https://github.com/LouisLeNezet>

🆔 <https://orcid.org/0009-0000-0202-2703>

Qualifications

- 2025 **PhD** in Genomic Bioinformatics, University of Rennes, France
2018 **Master's Degree** in Animal and Human Behaviour, University of Rennes, France
2016 **Bachelor's in Biology**, University-Brittany-South / Vannes, France

Positions

- 2025 **PhD Student**, UMR 6290 IGDR, France: *Genetics basics of hip dysplasia in dogs as a model for the developmental dysplasia of the hip in humans*
2021 **Research technician**, UMR 6290 IGDR, France: *Genetics of hips dysplasia in guide dogs*
2018 **Ethology internship**, UMR 6552 EthoS, France: *Social stress and comfort food in ponies *Equus caballus* and in collared mangabeys *Cercocebus torquatus**
2017 **Ethology internship**, Eötvös Loránd University, Department of Ethology, Budapest: *Screening for sensory decline in ageing pet dogs*

Fundings

- 2025 4th year end of PhD: "Fondation pour la Recherche Médicale"
2024 EuroBioc Oxford, travel grant
2021 PhD Research Grant, Visio Foundation
2017 Regional youth international scholarships grant: Brittany region

External Standing

- 2025 Nextflow Ambassador & nf-core hackathon organizer
2024 nf-core hackathon organizer
 Reviewer for Human heredity, ISSN: 1423-0062
2023 Organization member for the 1st and 2nd Life Science PhD Symposium
2021 Organization member for the 48th SFECA congress

Publications

Codes

- Pedixplorer (v1.1.5) **Bioconductor** pedigree R package
Phaseimpute (v1.0.0) **nf-core** pipeline for phasing and imputation

Articles.....

Past Presentations

Posters.....

- *Introducing nf-core/phaseimpute from idea to release*
Phd Symposium 2024 - Rennes and Nextflow Summit 2024 - Barcelona
- *Imputation dans l'analyse génétique de la dysplasie de la hanche: une approche One Health chez le chien et l'Homme*
Assise de Génétiques 2024 - Paris and Atelier 281 Inserm 2024 - Bordeaux
- *From Dog to Human: Searching the genetic bases of hip dysplasia*
IGDR Day 2023 - Rennes and ED SVS Scientific day 2024 - St-Malo

Oral.....

- *Pedixplorer: A modern R BioConductor package for efficient kinship analysis to draw and request complex pedigrees*
EuroBioc 2024 – Oxford
- *nf-core pipeline for genetic imputation: PhaseImpute*
Nextflow summit 2023 - Barcelona, PhD Symposium 2023 - Rennes, JOBIM 2024 - Toulouse
- *La dysplasie de la Hanche du Chien à l'Homme*
MT180 Rennes and Brittany 2023