

Nicolas GUILLEMIN

-PhD-
Molecular biologist
Bioinformatician
Data analyst

Biologist in omics sciences with strong skills in bioinformatics and data science
Bioinformatician and data scientist able to understand all aspects of biological research projects

"I transform raw data into understandable and useful knowledge"



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Skills

In silico

R / Python / SQL / Shell Unix
Linux
Data analyse
Gene Ontology and databases
Image editing

In vitro

PCR / qPCR
Molecular cloning
Sequencing
Microarray
Cell culture

Others

Communication
Support for project
Team work
English
French

Expertises

Omics sciences
Bioinformatics
Data science

Thematics

Application of omics
Data exploitation

Achievements

Set up new genomics lab
Consultant in genomics
Data analysis
Development of data analyse tools in R


Bibliography and data analysis

New methodology to access genetic markers
Predictive model from genetic data generated by NGS

Identification of protein markers
Modelization of complex phenotypes
New method for protein quantification in muscle


Employments

2019
Experienced researcher

 University of Zagreb
Zagreb, CROATIA


Specialist in genomics and data sciences

2015
Research assistant

 Saint Francois Hospital
Québec, CANADA

Support for projects

2013
Post-doctoral researcher

 University Laval
Québec, CANADA

Researcher in genomics


2011
2010
PhD student

 INRA
Clermont-Ferrand, FRANCE

Researcher in proteomics and data modelization

2008

Education

 **PhD, molecular physiology and genetics**
University of Clermont-Ferrand, France - 2010

 **Master in science, molecular and cellular biology**
University Nancy II, France - 2007

 **Bachelor in science, molecular and cellular biology**
University of Limoges, France - 2005

Full list of publications available on LinkedIn and ResearchGate