

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
Linux

Data analyse
Pathways
Image editing

In vitro

PCR / qPCR
Molecular cloning
Genotyping
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

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