

International Master RNA/Enzymes Sciences (RNAES)

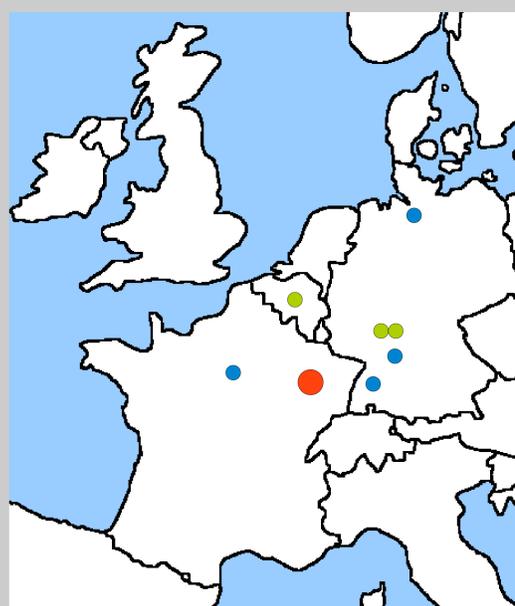
Lorraine University, Nancy, Faculty of Sciences and Technologies

Lorraine University in Nancy, France offers an international teaching programme (in English) in the fields of RNA molecular biology and enzymology. The primary goal of the Master's M2 programme is to provide a unique opportunity to study these molecular aspects of cellular metabolism with experts in the field.

Goals of the Programme

Depending on the option chosen by the student, he/she will acquire both theoretical and practical knowledge in either the biochemistry, molecular biology and cellular biology of RNAs or enzymology. By the end of the Master's Programme, the student should be able to conduct a research or industrial project in an autonomous manner. Specifically, the student should be able to understand the scientific question(s), propose possible solutions, and conceive and execute an experimental protocol. He/she should also be able to interpret experimental data, and to present results in both oral and written form.

Associated and Partner Labs



- Nancy
- Mainz
- Darmstadt
- Brussels
- Heidelberg
- Tübingen
- Hamburg
- Paris

Contact us to become
a Partner Lab!

Teaching programme

Transcriptomics, proteomics, bioinformatics

Advanced genetic engineering

Scientific communication and management

Development of research project

S9

RNA **Fundamental RNA Sciences**
Diversity, structure, genomics, biosynthesis
Functions in pathologies

ENZYME **Fundamental Enzymology**
Enzyme engineering

RNA **Methods for RNA and RNA/protein
complexes**

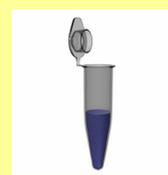
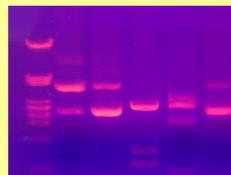
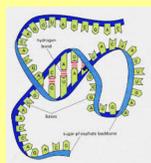
ENZYME **Methods for enzymes**
Structural Biology

RNA **RNA Engineering (including practicals)**

ENZYME **Biotechnologies**
Metabolism and associated pathologies

S10

Training period in the lab



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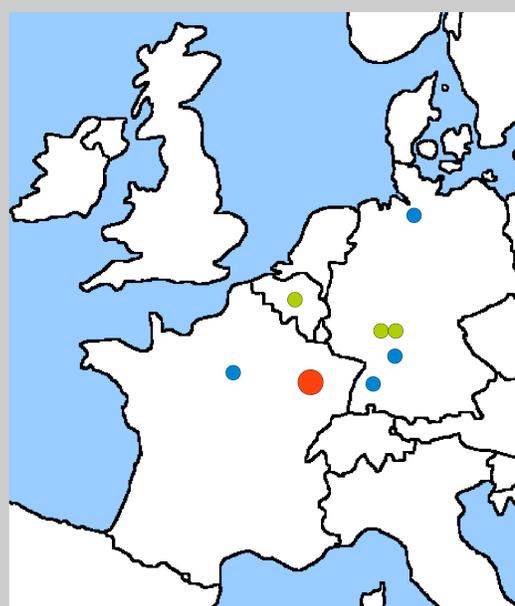
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