



# Baisan Bianca

Doctor of Veterinary Medicine

Department XI Public Health

Faculty of Veterinary Medicine

Main research fields are :Identification of new pathogens using next generation sequencing (NGS), molecular biology.

## Contact Details



0741518832



baisan.bianca@iuls.ro



bratuleanu.bianca@yahoo.com



Aleea Mihail Sadoveanu nr. 8,  
700489, Iași



30-Mar-1993

## Areas of expertise

- Molecular biology
- Next generation sequencing (NGS)
- Vector-borne diseases
- Epidemiology
- Pathogen discovery

## Competences

- PCR technique
- NGS
- Capillary electrophoresis
- Morphological identification of vector
- Bioinformatics
- Phylogenetic analysis

## Professional experience

### 2024 - prezent      **Researcher**

Center of Advanced Research for Emerging Diseases, Zoonoses And Food Safety  
IASI UNIVERSITY OF LIFE SCIENCES

### 2021 - 2023      **Research assistant**

Center of Advanced Research for Emerging Diseases, Zoonoses And Food Safety  
IASI UNIVERSITY OF LIFE SCIENCES

## Education

### 2018 - 2022      **Doctoral studies**

Iasi University of Life Sciences "Ion Ionescu de la Brad"

### 2012 - 2018      **Batchelor and master degree**

Iasi University of Life Sciences "Ion Ionescu de la Brad"

### 2009- 2012      **Highschool**

Vasile Alecsandri National College, Iasi

### 2005 - 2008      **Secondary school**

Vasile Alecsandri National College, Iasi

# Research activity

---

## Scientific papers

---

- **ORCID** 0000-0003-2100-138X
- **Google Scholar** [https://scholar.google.com/citations?view\\_op=list\\_works&hl=ro&hl=ro&user=TjeX4GkAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=ro&hl=ro&user=TjeX4GkAAAAJ)

## Research projects and grants

---

- 2023 - 2024**      **Coordinator/PI**  
Deciphering the virus/tick/vertebrate interactions in a hotspot of emergence: the Danube Delta ecosystem, a hub of the Africa-Europe migratory bird route -funded by NIH, USA-103.140\$

## Internships and scholarships

---

- 2021-2023**      Junior researcher at Institut Pasteur, Pathogen Discovery Laboratory, Paris, France
- 2019-2020**      Trainee at Institut Pasteur, Pathogen Discovery Laboratory, Paris, France
- 2022**              Participation at the Ecole d'été biodiversité et Vecteurs, Montpellier, Franta
- 2021**              Training course for the use of the NGS sequencing platform, held at the Pasteur Institut, Paris, France
- 2021**              Training course for working in laboratories at biosafety level 3-BSL3, held at the Pasteur Institute, Paris, France

## Scientific and professional organizations

---

- L'association pour l'Etude de l'Epidemiologie des Maladies Animales-AEMA