

Romina Bahrami

Romina.bahrami01@universitadipavia.it

EDUCATION

Bachelor's degree (B.Sc) 15/09/2017 – 11/07/2021

University of Shahid Beheshti (Iran)

Field(s) of study: Molecular and Cellular Biology _ Final grade: 19.09/20

Thesis: Genetic diversity of *Helicobacter pylori* strains isolated from single patient using Multi-locus Sequence Typing (MLST).

Supervisor: Prof. Parastoo Saniee

Master's degree (M.Sc) 01/09/2021 – 21/09/2023

University of Pavia

Field(s) of study: Molecular Biology and Genetic _ average grade 110/110

Thesis: The effects of *Bacillus thuringiensis* subsp. *israeliensis* (Bti) on the vector *Aedes albopictus*.

Supervisor: Prof. Mariangela Bonizzoni

WORK EXPERIENCE

Teacher assistant 16/06/2019 – 10/06/2021

Invertebrate and vertebrate zoology laboratory (Shahid Beheshti University_ Iran_ Tehran)

University research assistant 17/02/2019 – 14/04/2021

Pasteur Institute of Iran (Tehran)- The effect of fecal microbiota transplantation on the liver fibrosis

OTHER EXPERTISE AND MEMBERSHIPS

Junior scientist of Microbiota Research Group of Iran -Two projects (HIV-multiple sclerosis)

Contact: <https://microbiomology.org/people/researcher>

Certificate of attendance - World Microbiome Day (Pasteur Institute of Iran (Tehran)-2019)

Member of the following scientific societies: World Society for Virology (**WSV**)

International mobility student's assistants – part time job university of Pavia (2021)

Skills

Digital skills

- SPSS
- MEGA X
- Virtual machine
- Beacon Designer
- R-Programming
- Microsoft Office
- Mendeley
- END NOT
- Mastery of scientific databases (NCBI, UniProt, VectorBase)

Laboratory skills

- Fitness assays (mating behaviour, fecundity, and fertility)
- Virus injection in mosquitoes
- Larvicidal activity of Bt toxin
- Insect pathogens
- Insect physiology and immune system
- Microbiology
- ELISA microbiology
- PCR- real time
- Extraction of nucleic acid (DNA-RNA)
- cDNA synthesis
- Gel electrophoresis

PUBLICATIONS

Carlassara M , Khorramnejad A , Oker H , **Bahrami R** , Lozada-Chávez AN , Mancini MV , Body MJ , Lahondère C , Bonizzoni M. Population-specific responses to developmental temperature in the arboviral vector *Aedes albopictus*: implications for climate change, *Global Change Biology*, 2024.

R. BAHRAMI, D. HASHEMI, S. KESHAVARZ AZIZIRAFAR, P. RAHIMI. Coronaviruses as the emerging threats for human health: should we be prepared for the future outbreaks of new coronaviruses? *Bratisl Medical Journal*, 2020, 733 – 741 https://doi.org/10.4149/bl_2020_120

R. BAHRAMI, D. HASHEMI. Efficient drugs used for COVID-19 in the world *Dena Magazine University of Tehran*.2020.

Conferences

P. SANIEE, B. PASCOE, F. SIAVOSHI, F. ATTARIAN, A. H. GHODRATI, **R. BAHRAMI**. Genetic diversity of *Helicobacter pylori* strains isolated from single patient using Multi-locus Sequence Typing (MLST) European helicobacter and microbiota study group microbiota. September 18, 2020.

R. BAHRAMI, D. HASHEMI, P. RAHIMI. Treatment Methods for Middle East Respiratory Syndrome. Poster presentation. presented at Second Biomedical Congress of Iran ,2018.

HONOURS AND AWARDS

5% top rank among students of B.Sc. students (University of Shahid Beheshti (Iran)).

Graduated from the national organisation for the development of brilliant talent of Iran.

Language skills

English

LISTENING:C1 READING:C1 WRITING:C1 SPOKEN PRODUCTION:C1 SPOKEN INTERACTION:C1

RECOMMENDATIONS

Professor: Mariangela Bonizzoni

Email: m.bonizzoni@unipv.it

Professor of Zoology (Biology and Biotechnology) at Pavia university (Italy)

Professor: Parastoo Saniee

Email: p_saniee@sbu.ac.ir

Professor Assistant Professor of Microbiology at the Shahid Beheshti University (Iran)