

ANASTASIIA NOVIKOVA



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ABOUT ME

As a highly motivated Master's student in Biomedicine with three years of laboratory experience, I am eager to further my skills and advance my knowledge in the field of medical diagnostics. I am seeking a Ph.D. position that will provide me with the opportunity to expand my expertise and apply my knowledge to help improve people's health. With a passion for the field and a commitment to making a difference, I am confident that I will make a valuable contribution to any research team I join.

WORK HISTORY

LABORATORY TECHNICIAN, 08/2022 - Current

Josep Carreras Leukaemia Research Institute, Barcelona , Spain

One-year part-time contract (to have the ability to combine work and study).

My duties:

- Organize, store, refill and keep reagents/materials in orders
- Receive delivered parcels (order reagents)
- Prepare work solutions (solutions for stock)
- Update monthly meetings agenda
- Prepare and help my labmates with their work (PCR, Gel-electrophoresis, Different types of Blots, etc.)
- Work with cell cultures (transfection and infection)

LABORATORY ASSISTANT, 10/2019 - 05/2022

Odesa Social Significance Disease Center (OSDC), Odesa, Ukraine

• **Participation in the international INNOVA4TB project HORIZON2020**

- Entering information into the database: patient data and test results
- Preparing reagents for doctors' work, organization of the workplace, preparing samples for analysis
- Maintain laboratory cleanliness, categorizes and stores sensitive scientific materials/instruments

BACTERIOLOGIST'S ASSISTANT, 11/2016 - 01/2017

Odesa Regional Military Hospital, Odesa, Ukraine

- Preparation of working solutions/materials/reagents, cleaning of surfaces before/after work
- Registering/labelling the samples
- Fixation and staining of samples (according to Gram, Ziel-Nielsen, etc.) before microscopic analysis

EDUCATION

University of Barcelona , Barcelona , Spain , 09/2022 - Current

Master of Science: Basic and Translational Research in Human Pathology

At present, I am pursuing my master's degree and concurrently working part-time as a laboratory technician in the Immuno-Oncology group at the Josep Carreras Leukaemia Research Institute, where I am also engaged in my master's project. My research involves examining the impact of PTPN11 gene mutations on the development of Acute Myeloid Leukaemia.

Odesa National I.I. Mechnikov University , Odesa , Ukraine , 09/2017 - 05/2021

Bachelor of Science: Biology

- Degree Thesis "Detecting molecular markers of resistance to Bedaquiline in the Mycobacteria Tuberculosis genome."
- Government academic scholarship 2017-2021, fully paid scholarship by Ministry of Education and Science Ukraine.
- Average note - original scale: 81.35. (GPA - 3.1) - EQF level 5
- The bachelor's program was aimed at obtaining 240 ECTS credits
- During her time as a student, she actively participated in various scientific events and extracurricular activities organized by the university: XVII/XVI Student Scientific Conference "English in Touch With Science" (2019/2018) - with oral presentations; I actively participated in the events arranged by the student

council and university trade union, contributing my services as both a photographer and organizer.

- Participation in XIII International Summer School-Conference "Molecular Microbiology and Biotechnology" (2018); XIV International Summer-Conference School "Molecular Microbiology and Biotechnology" (2019); XV International Summer-Conference School "Molecular Microbiology and Biotechnology" (2020); XVI International Summer School-Conference "Molecular Biology, Biotechnology and Biomedicine" (2021).

INTERNSHIPS

07/2021 – 05/2022

Early-stage Researcher in Project “INNOVA4TB” at Institute Germans Trias i Pujol (IGTP), Barcelona

- Helping and assistance to my colleagues in the laboratory
- DNA extraction from bacterial samples and further processing of the material for sequencing the genome of *Mycobacterium tuberculosis*
- Attend occasional scientific meetings to present research results
- Analyze datasets for clinical or research purposes; evaluate data by performing appropriate mathematical or statistical calculations and analyses
- Maintain accurate laboratory records that record research methods, procedures, and results; prepare and maintain research findings, summaries, logs, and notes
- The INNOVA4TB project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 823854

SKILLS

- Analytical and Critical Thinking
- Written Communication
- MS Office
- Planning and Coordination
- Google Workspace
- Self-Motivated
- Multitasking Abilities
- Teamwork and Collaboration

LIST OF PUBLICATIONS

- S.Gushcha, A.Novikova, et al. Assessment of the influence on sodium chloride water on the course of toxic liver damage in the experiment. *Pharmacology OnLine Archives*. 2021. Vol.3. 698-706.
- S.Gushcha, A.Novikova, et al. Autochthonous microbiota of mineral natural waters of Ukraine as a health maintenance factor. Abstracts of the I International Scientific and Technical Conference "Water Quality: Biomedical, Technological, Agricultural and Environmental Aspects". 2021. p58-59.
- S.Gushcha, A.Novikova, et al. Experimental studies of natural coniferous extract in different dilutions. *Medical rehabilitation, balneology, physiotherapy*. 2019. p35-40.
- V.Stepanova, A.Novikova, et al. Experience in the use of halo-aerosol therapy in the rehabilitation of patients with bronchial asthma. *PainMedicine Journal*. 2018. Vol.3. No.2/1. p40.
- S.Gushcha, A.Novikova, et al. Prospects for the use of underground mineral waters of the Eastern region of Ukraine in the rehabilitation of patients with osteoarthritis and dorsopathies. *PainMedicine Journal*. Vol.3. No. 2/1. p37.

LANGUAGES

Ukrainian Native

English

B2

Spanish

A2

Upper intermediate

Elementary

German

B1

Russian

C2

Intermediate

Proficient

REFEREES CONTACT INFORMATION

Dr. Laura Belver - Current Supervisor

Principal Investigator of the group in which I am doing my final Master's thesis.

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Dr. José Domínguez - Internship Supervisor

Principal Investigator of the group in which I did my Bachelor's research during my internship.

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Prof. Kostiantyn Babov - Bachelor Thesis Supervisor

Director of The «Ukrainian Research Institute of Medical Rehabilitation and Resort Therapy of the Ministry of Health of Ukraine»

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