

Anastasiia Novikova

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ABOUT ME

As a Research Engineer at the Inflammation and Immunology in Retinal Diseases Group within the Institut de la Vision, Paris, France, I am dedicated to unravelling the pathogenic mechanisms underlying Age-related Macular Degeneration and Diabetic Retinopathy, with a particular emphasis on the role of macrophages. My expertise spans a range of techniques including immunostaining, confocal microscopy, image analysis, animal experimentation, and molecular biology methods.

EDUCATION AND TRAINING

Master in Biomedicine

University of Barcelona, Faculty of Medicine and Health Sciences [26/09/2022 – 15/07/2023]

City: Barcelona | Country: Spain | Website: <https://www.ub.edu/portal/web/medicine-health-sciences/faculty>

Bachelor of Science in Biology

Odesa I.I. Mechnikov National University [01/09/2017 – 05/07/2021]

City: Odesa | Country: Ukraine | Website: <https://onu.edu.ua/en/structure/faculty/bio>

Associate Degree in Pharmacy

Odesa Medical College [03/09/2015 – 05/07/2017]

City: Odesa | Country: Ukraine | Website: <https://mgu.edu.ua/en>

WORK EXPERIENCE

Research Engineer

Institute de Vision - Sorbonne University [01/11/2023 – Current]

City: Paris | Country: France

Currently, my work involves the following tasks:

- Operating a microscope and analyzing images
- Conducting immunostaining procedures
- Performing experiments with animals
- Genotyping mice.

Laboratory Technician

Josep Carreras Leukaemia Research Institute (IJC) [16/08/2022 – 17/08/2023]

City: Barcelona | Country: Spain

During my studies at the University of Barcelona, I embarked on part-time employment at IJC, where I joined the Leukemia and Immuno-Oncology Group. In this capacity, I simultaneously fulfilled my duties as a master's student while contributing to the group's research endeavors.

My role involved extracting, cleaning, and analyzing subsets of data, as well as visualizing the results. Additionally, I conducted laboratory work, including:

- Working with cell lines and performing transfection procedures.
- Reporting during laboratory meetings and preparing detailed reports.
- Employing molecular biology methods.

Laboratory Assistant

Odesa Social Significance Disease Center (OSDC) [10/10/2019 – 05/05/2022]

City: Odesa | Country: Ukraine

During my third year at university, I commenced employment at the OSDC, where I served as a laboratory assistant. My responsibilities encompassed the following:

- Conducting cultural methods
- Performing serological techniques
- Completing relevant documentation and preparing sanitary cultures
- Autoclaving and sterilizing materials for laboratory use

During the peak of the Covid-19 pandemic in Ukraine, I also worked in the clinical laboratory of the same center, where I conducted biochemical and general clinical blood analyses.

INTERNSHIPS

[10/2019 – 05/2022]

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

During my work at the bacteriology laboratory in the Odesa Social Significance Disease Center, I was involved in a project dedicated to an international initiative combating tuberculosis. Throughout the project, I traveled on three occasions for assignments at Institut Germans Trias i Pujol.

My role in the project focused on a theme that later became the subject of my Bachelor's thesis defense at the university, "Detecting molecular markers of antibiotic resistance in Mycobacterium tuberculosis."

This experience equipped me with the following skills:

- Mobility and quick adaptation
- Teamwork
- Communication skills

Furthermore, I enhanced my knowledge and skills in molecular biology, immunology, data analytics, and bacteriology.

Links: <https://www.innova4tb.com/deeplex> | <https://www.innova4tb.com/secondments>

[05/11/2016 – 31/01/2017]

Assistant of Bacteriologist

During my studies at the Odesa Medical College, Ukraine, I completed a course dedicated to microorganisms, which consisted of nine months of theoretical training followed by practical internships in medical laboratories.

My internship took place at the Regional Military Hospital in Odesa, specifically in the Bacteriology laboratory, where I acquired the following skills:

- Mastery of methods for detecting pathogenic microorganisms
- Completion of a course on the sanitary microbiology of premises and disinfection
- Organization, preparation, and storage of various reagents and culture media.

LANGUAGE SKILLS

Mother tongue(s): Ukrainian, Russian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Spanish

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user