



## Varvara Lazarenko

**Work permit:** Dutch, Russian **Nationality:** Russian **Date of birth:** 28/12/1998

**Place of birth:** Moscow, Russia **Gender:** Female

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**Website:** <https://www.linkedin.com/in/varvara-lazo/>

**Home:** Wolfstraat 10, 6531LM Nijmegen (Netherlands)

### ABOUT ME

I am a highly motivated and hardworking graduate with a Master's degree in Medical biology. Having worked in a fundamental research setting as well as in clinical trials development, I am passionate about translational research and societal aspects of healthcare innovations. With a strong biomedical foundation and a keen interest in disseminating knowledge, I envision a career in clinical trials, laboratory or consultancy.

### WORK EXPERIENCE

#### **Renato's pizzeria** – Nijmegen, Netherlands

**City:** Nijmegen | **Country:** Netherlands | **Website:** <https://www.renatos.nl/> | **Business or sector:** Accommodation and food service activities

##### **Waiting staff**

[ 03/06/2025 – Current ]

- Providing customer service
- Selling the restaurant menu

#### **HAN University of Applied sciences** – Nijmegen, Netherlands

**City:** Nijmegen | **Country:** Netherlands | **Website:** <https://www.han.nl/onderzoek/lectoraten/lectorat-digitaal-transformatie-in-de-revalidatiezorg/> | **Name of unit or department:** Digitale Transformatie in de Revalidatiezorg - Business or sector: Professional, scientific and technical activities

##### **Intern**

[ 13/02/2024 – 20/08/2025 ]

- Added value research of home telemonitoring in elderly care based on the HTA framework presented onto the Quadruple aim
- Deployment of surveys (22) in Dutch and interviewing (7) medical professionals in English on their home telemonitoring experience/attitude
- Cost-effectiveness analysis (Markov model cohort simulation) on home telemonitoring in the Netherlands

#### **Donders Institute for Brain, Cognition and Behaviour** – Nijmegen, Netherlands

**City:** Nijmegen | **Country:** Netherlands | **Website:** <https://www.ru.nl/en/donders-institute> | **Business or sector:** Professional, scientific and technical activities

##### **Intern**

[ 10/02/2023 – 26/08/2023 ]

- *In vivo* Ca<sup>2+</sup> imaging of the retrosplenial cortex in mice during head-fixed virtual social learning
- Management of laboratory animals (mice, handling & feeding, craniotomy practice)
- Computational analysis of the obtained data (Python, DeepLabCut)

 **Contract Research Organisation LABMGMU, LLC** – Moscow, Russia

City: Moscow | Country: Russia | Website: <https://labmgmu.ru/> | Business or sector: Professional, scientific and technical activities

### Assistant at the Science department

[ 15/08/2021 – 10/08/2022 ]

- Developing designs, synopses, protocols, investigator's brochures for >35 phase I, II, III clinical trials and bioequivalence trials
- Conducting >30 user interviews (testing the readability of pharmaceuticals' package leaflets)
- Advising on the number & design of (pre-)clinical studies for companies
- Project management (control of the deadlines; compliance with the sponsor's requirements)
- Computational analysis of the obtained data (STATISTICA, GraphPad Prism)

 **Lomonosov Moscow State University** – Moscow, Russia

City: Moscow | Country: Russia | Website: <https://www.bio.msu.ru/> | Name of unit or department: Faculty of Biology - Business or sector: Professional, scientific and technical activities

### Junior Research Assistant

[ 25/10/2020 – 19/10/2021 ]

- Physiological (wire myography technique, rat coronary and renal arteries) and molecular (RNA extraction, reverse transcription, qPCR) experiments
- Management of laboratory animals (Wistar rats: housing, care, breeding)
- Statistical analysis and interpretation of the obtained data (STATISTICA, GraphPad Prism)
- Project management (experiment and research strategy planning)
- Presentation of the results at the [virtual conference ARTERY20](#), 23-24 October 2020, and at the [28th International Scientific Conference "Lomonosov-2021"](#), 12-23 April 2021

## EDUCATION AND TRAINING

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### MSc in Medical Biology

**Radboud University** [ 01/09/2022 – 31/08/2024 ]

City: Nijmegen | Country: Netherlands | Website: <https://www.ru.nl/en> | Field(s) of study: Natural sciences, mathematics and statistics: • Biology ; Business, administration and law: • Management and administration | Final grade: 7.63/10.00 | Level in EQF: EQF level 7 | Type of credits: ECTS | Number of credits: 120 | Thesis: Potential added value of home telemonitoring technology in elderly care

Specialization: Science, Management and Innovation

Principal subjects: Future of health, How Health Systems Work, Sustainable Innovation Management, Methods in Societal Research, Reaching the Sustainable Development Goals

Projects:

- An HTA of a Medical Guidance App for International Students in the NL
- A Shared Ownership Model of the Green Corridor, Nijmegen
- A Circular Alternative to Single-Use Cups Within the Dutch Train System

### BSc in Biology

**Lomonosov Moscow State University** [ 31/08/2016 – 29/06/2020 ]

Address: 1/12 Leninskie Gory, 119234 Moscow (Russia) | Website: <https://www.bio.msu.ru/> | Field(s) of study: Natural sciences, mathematics and statistics: • Biology | Final grade: 4.83/5.00 | Level in EQF: EQF level 6 | Type of credits: ECTS | Number of credits: 240 | Thesis: Role of TASK-1 channels in arterial tone regulation in different organs in rats

Principal subjects: Human and animal physiology, Electrophysiology, Physiology of central nervous and visceral systems, Practical pathophysiology, Physiology of circulation, Microbiology, Genetics, Biochemistry, Biophysics, Immunology, Embryology

Skills: PCR, gel electrophoresis, wire myography, western blotting, ELISA, immunohistochemistry, intracellular recording (microelectrodes, patch clamp), behaviour testing (open field test, elevated plus maze, light-dark box test)

## HONOURS AND AWARDS

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[ 14/08/2022 ] Radboud University, Netherlands Education Support Offices (Neso)

### **Orange Tulip Scholarship**

Awarded an Orange Tulip Scholarship for the Master's program at Radboud University in the academic years 2022-2024 for excellent previous academic and scientific achievements and outstanding motivation

[ 11/03/2021 ] Lomonosov Moscow State University

### **Increased State Academic Scholarship**

Awarded an increased State Academic Scholarship for scientific and academic achievements

[ 24/06/2020 ] Lomonosov Moscow State University

### **Prize-winner in the Universiade "Lomonosov" on modern problems of biology**

Prize-winner (2<sup>nd</sup> place in the department) in the Universiade "Lomonosov" on modern problems of biology

## PUBLICATIONS

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[2022]

### **TWIK-Related Acid-Sensitive Potassium Channels (TASK-1) Emerge as Contributors to Tone Regulation in Renal Arteries at Alkaline pH**

Authors: Shvetsova Anastasia A., Lazarenko Varvara S., Gaynullina Dina K., Tarasova Olga S., Schubert Rudolf | Journal Name: Frontiers in physiology | Volume, Issue and Pages: Vol. 13, p. 895863

[2021]

### **Removal of the endothelium leads to augmented contractile responses in rat renal interlobar arteries under alkaline conditions [Abstract in Russian]**

Authors: Lazarenko V. S., Shvetsova A. A. | Journal Name: Materials of the International Youth Scientific Forum "LOMONOSOV-2021" | Publisher: MAKSPress, Moscow

[2020]

### **TASK-1 Channels Play an Anticontractile Role in Rat Septal Coronary Artery Under Pharmacological Blockade of Endothelium**

Authors: Lazarenko V., Shvetsova A., Gaynullina D., Schubert R. | Journal Name: Artery Research | Volume, Issue and Pages: 26(S1), S58–S58.

[2020]

### **Voluntary running training of female rats during gestation: characteristics of an experimental model [in Russian]**

Authors: Borzykh A.A., Kuzmin I.V., Kiryukhina O.O., Selivanova E.K., Shvetsova A.A., Lazarenko V.S., Los-Arkos Uvarova S., Nesterenko A.M., Tarasova O.S. | Journal Name: Aviakosmicheskaya i Ekologicheskaya Meditsina | Volume, Issue and Pages: 54(2), 89–95

[2020]

### **An increase in the anticontractile effect of potassium channels in the arteries of 2-week-old offspring of female rats with experimental preeclampsia [Abstract in Russian]**

Authors: Shvetsova A.A., Selivanova E.K., Gaynullina D.K., Kiryukhina O.O., Borzykh A.A., Lazarenko V.S., Los Arcos Uvarova S., Schubert R., Tarasova O.S. | Publisher: RA ILF, Moscow

Proceedings of VII All-Russian School-Conference with International Participation on Physiology and Pathology of Blood Circulation, pp. 154-155

[2019]

## **Influence of DMSO on the physical and motor development in C57BL/6 mice [Abstract in Russian]**

Authors: Lazarenko V.S., Sebentsova E. A. | Journal Name: Materials of the International Youth Scientific Forum "LOMONOSOV-2019" | Publisher: MAKS Press, Moscow

### **SKILLS**

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understand spoken English / understand written English / understand written Dutch

#### **Management skills**

develop strategy to solve problems / meet deadlines / prioritise tasks / arrange event needs

#### **Health and pharmaceuticals**

pharmaceutical drug development / pharmaceutical products / biostatistics / assist in clinical trials / clinical reports / apply good clinical practices / medical statistics / health technology assessment

#### **Research skills**

laboratory techniques / life sciences / social sciences / conduct experiments on animals / analyse test data / think analytically

#### **Communication skills**

interview people / demonstrate professional attitude to clients / welcome restaurant guests / assist customers / take food and beverage orders from customers / work as a team

#### **Digital skills**

use microsoft office / Python (computer programming)

### **LANGUAGE SKILLS**

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**Mother tongue(s):** Russian

**Other language(s):**

#### **English**

**LISTENING C2 READING C2 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

#### **Dutch**

**LISTENING B1 READING B1 WRITING B1**

**SPOKEN PRODUCTION A2 SPOKEN INTERACTION B1**

#### **German**

**LISTENING B1 READING B1 WRITING A2**

**SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2**

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

## EXTRACURRICULAR ACTIVITIES

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[ 24/08/2024 – 29/08/2024 ]

### **Mentorship of the international exchange and Master's students at Radboud Intro**

Helped new international students to get acquainted with Radboud University and the city of Nijmegen

[ 05/2023 – 05/2023 ]

### **Organization of BBB Career Event 2023**

Participated in the organization of a BBB Career Day at Radboud University

[ 10/2022 – 11/2023 ]

### **Organization of volleyball tournaments**

Contributed to the organization of 4 tournaments in the international volleyball group at Radboud University

[ 08/2018 – 06/2020 ]

### **Mentor of the first-year students**

Helped the first-year Bachelor students at Faculty of Biology with organizational and navigational problems and advised on studying issues

## HOBBIES AND INTERESTS

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**Language studying (Dutch)**

**Volleyball**

**Traveling**