



# Varvara Lazarenko

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## PERSONAL STATEMENT

I am a highly motivated and hardworking graduate with a Master's degree in Medical biology. Having worked in 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 business development or consultancy.

## EDUCATION

- 09/2022 – 08/2024 **MSc in Medical Biology – Radboud University, Nijmegen, The Netherlands**
- ✓ Specialisation: Science, Management and Innovation
  - ✓ GPA: 7.63/10.00
  - ✓ Principal subjects: Future of health, How Health Systems Work, Sustainable Innovation Management, Methods in Societal Research, Reaching the Sustainable Development Goals
  - ✓ Master thesis: «Potential added value of home telemonitoring technology in elderly care»
- 09/2016 – 06/2020 **BSc in Biology – Lomonosov Moscow State University (MSU), Moscow, Russia**
- ✓ Specialisation: Human and Animal Physiology
  - ✓ GPA: 4.83/5.00
  - ✓ Principal subjects: Human and animal physiology, Electrophysiology of excited cells, Physiology of central nervous and visceral systems, 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)
  - ✓ Bachelor thesis: «Role of TASK-1 channels in arterial tone regulation in different organs in rats»

## WORK EXPERIENCE

- 06/2025 – current **Waiting staff (part-time)**  
**Renato's Pizzeria – Nijmegen, The Netherlands**
- ✓ Providing customer service
  - ✓ Selling the restaurant's menu
- 02/2024 – 08/2024 **Intern at [Digital Transformation of Rehabilitation Care](#)**  
**HAN University of Applied Sciences – Nijmegen, The Netherlands**
- ✓ 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
- 02/2023 – 08/2023 **Intern at [Neuronal Networks of Memory](#)**  
**Donders Institute – Nijmegen, The Netherlands**
- ✓ *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)
  - ✓ Computational analysis of the obtained data (Python, DeepLabCut)

08/2021 – 08/2022

**Assistant at the Science department of the Contract Research Organization**

**LABMGMU, LLC – Moscow, Russia**

- ✓ Developing designs, synopses, protocols, investigator's brochures for >35 phase I, II, III clinical trials and bioequivalence trials
- ✓ >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)

10/2020 – 10/2021

**Junior Research Assistant at Faculty of Biology**

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

- ✓ 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 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

### **DIGITAL SKILLS**

Python (beginner), DeepLabCut, STATISTICA, GraphPad Prism, Rotor-Gene Q Series , and MS Office softwares

### **LANGUAGES**

Russian (native), English (fluent – C<sub>2</sub>), German (intermediate – B<sub>1</sub>-B<sub>2</sub>), Dutch (low intermediate – A<sub>2</sub>-B<sub>1</sub>), French (beginner - A<sub>1</sub>)

### **ACADEMIC HONORS AND AWARDS**

- 2022-2024    Awarded Orange Tulip Scholarship for the studies at Radboud University
- 2020-2021    Awarded MSU Increased State Academic Scholarship for scientific and academic achievements
- 2021        Second prize-winner in the Lomonosov Universiade on modern problems of biology

### **CERTIFICATES**

- 2023    A course on ex. Art. 9 of the Dutch Act on animal experimentation, Radboudumc
- 2021    An upgrade training on ICH GCP guidelines, LABMGMU

### **VOLUNTEERING ACTIVITY**

- 2024    Mentorship of the international exchange and Master's students at the Radboud Intro
- 2023    Organization of the BBB Career Event 2023, Nijmegen
- 2022-2023    Organization of volleyball tournaments in the international volleyball group at Radboud
- 2018-2021    Mentorship of the first-year students at Faculty of Biology, MSU, Moscow

### **HOBBIES**

Volleyball, reading, drawing, guitar playing, traveling

### **JOURNAL PUBLICATIONS**

1. Shvetsova Anastasia A., **Lazarenko Varvara S.**, Gaynullina Dina K., Tarasova Olga S., Schubert Rudolf (2022). TWIK-Related Acid-Sensitive Potassium Channels (TASK-1) Emerge as Contributors to Tone Regulation in Renal Arteries at Alkaline pH. *Frontiers in physiology*, 13: 895863. <https://doi.org/10.3389/fphys.2022.895863>

2. **Lazarenko Varvara**, Shvetsova Anastasia, Gaynullina Dina, Schubert Rudolph (2020). TASK-1 Channels Play an Anticontractile Role in Rat Septal Coronary Artery Under Pharmacological Blockade of Endothelium. *Artery Research*, 26(S1): S58. <https://doi.org/10.2991/artres.k.201209.048>

3. 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. (2020). Voluntary running training of female rats during gestation: characteristics of an experimental model [in Russian]. *Aviakosmicheskaya i Ekologicheskaya Meditsina*, 54(2): 89–95. <https://www.elibrary.ru/item.asp?id=42721639>

## MOTIVATION LETTER

Dear Anja Vogels and NimaGen Hiring Team,

I am writing to express my strong interest in the Commercial Representative position at NimaGen. With a strong academic background in life sciences, hands-on experience in both research and clinical trial coordination, and a proactive approach to stakeholder communication, I am confident in my ability to contribute to your team and to drive the adoption of innovative DNA sequencing solutions.

I hold a BSc in Biology and an MSc in Medical Biology, where I specialized in innovation management, regulatory awareness, and digital health. Throughout my academic and professional journey, I have actively engaged in research-driven environments, where I developed a solid foundation in molecular biology, genomics, and scientific communication, as well as transferable skills in data analysis and project coordination. My thesis focused on the added value of home telemonitoring technologies for elderly patients, giving me an understanding of healthcare systems, compliance, and stakeholder alignment.

In my role as a Junior Research Assistant, I was responsible for planning and executing complex physiological and molecular experiments, presenting findings at international conferences, and managing laboratory animals. Subsequently, as an Assistant at a Contract Research Organization, I developed over 35 clinical trial documents, conducted user interviews, and supported sponsors in shaping their clinical development strategies. These experiences strengthened my client-facing communication and organizational abilities.

In parallel to my professional and academic work, I have actively contributed to organizing events such as the BBB Career Event 2023 and local volleyball tournaments within the Radboud University international community. These experiences reflect my ability to coordinate, communicate effectively, and build strong connections.

I am very motivated to grow within the business development domain in the life sciences industry. I enjoy reaching out to people, facilitating communication between diverse parties, and organizing initiatives that create real value. A position at NimaGen offers an exciting opportunity to combine my scientific expertise with my enthusiasm for relationship-building, strategic thinking, and impactful communication, which I am very much looking forward to.

Thank you for considering my application. I would be delighted to discuss how my background and motivation align with NimaGen's goals and how I could support your commercial team.

Warm regards,  
Varvara