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 societal & business aspects of healthcare innovations. With a strong biomedical foundation and a keen interest in sustainable healthcare, I envision a career in health technology assessment (HTA), value assessment, health economics, healthcare education 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
- ✓ Projects: «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»
- ✓ 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, Physiology of secretory system, Introduction to endocrinology
- ✓ Bachelor thesis: «Role of TASK-1 channels in arterial tone regulation in different organs in rats»

WORK EXPERIENCE

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^{2+} imaging of the retrosplenial cortex in mice during head-fixed virtual social learning
- ✓ Management of laboratory animals (mice, handling & feeding)
- ✓ 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)
✓ 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 and molecular biology experiments (wire myography, real-time PCR, western blot)
✓ Management of laboratory animals (Wistar rats)
✓ Statistical analysis of the obtained data (STATISTICA, GraphPad Prism)
✓ Project management (experiment and research strategy planning)
✓ Presentation of the results at two conferences (Oct, 2020; Apr, 2021)

DIGITAL SKILLS

Python (beginner), DeepLabCut, STATISTICA, GraphPad Prism, and MS Office softwares

LANGUAGES

Russian (native), English (fluent – C_2), German (intermediate – B_1-B_2), Dutch (low intermediate – A_2-B_1), French (beginner - A_1)

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, Radboudmc |
| 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