

JULIA KIJAS

Email: kijas.julia.professional@gmail.com

Phone number: 07768442858

Address: 329e Green Lanes

N4 1DZ

London

Education and Training

2022- 2023

Gene Editors of the Future 2.0- A Student Training and Discovery Initiative of Life Sciences

- Three phases programme focuses on an in-depth explanation of the genesis and purpose of CRISPR technology. Simultaneously, this project aimed to deliver practical knowledge on CRISPR workflow and its application in the research.

2021 – 2024

BSc Biomedical Science at the University of Westminster

- First-class student aspiring for a degree with first-class distinction. During the course, I am cultivating critical skills for future work as a biomedical scientist. Additionally, as a member of the Medical Society, I have developed strong interpersonal and communicative skills that help me expand my professional network.

2019 – 2021

Pharmacy at Jagiellonian University in Krakow

- Qualifications include analytical chemistry, organic chemistry, biochemistry, statistic, informatics, biophysics, and botany. I acquired the knowledge of basic protocols used to analyze samples coming from organic and inorganic environments.

Research experience

Editing the Layn gene: impact on triple-negative breast cancer cells

- Internship organised by Genome Engineering Laboratory, based at the University of Westminster. The internship included complex activities associated with CRISPR technology workflow. The aims were to target and edit the gene of interest and then to study the biological changes in MDA MB-231 and U-2 OS cell lines.

CRISPR review

- Strengthening writing skills during participation in a project with the ambition to publish a broad review on CRISPR technology. Preparing an overview on „CRISPR application in childhood cancer“

Laboratory skills

- Gel electrophoresis
- SDS-PAGE
- SDS-PAGE staining
- ELISA
- Western blot
- Polymerase Chain Reaction (PCR)
- Mammalian cells culture
- Bacterial cells culture
- Bacterial Transformation
- Plasmid cloning
- Plasmid purification
- Transfection: chemical and electroporation
- Haematology (full blood count test)
- Clinical chemistry (Liver function test)
- Cellular pathology (interpretation of result obtained from tissue specimens imaging)
- Broad knowledge in technologies including: UV/VIS spectroscopy, NMR spectroscopy, IR spectroscopy, High-performance liquid as well as Gas chromatography
- Titration

Other work Experience

2023-Current

Laboratory technician at hVIVO- Whitechapel, London

Key duties:

- Sample management with adherence to Good Clinical Practice (GCP) standards
- Creation and preservation of necessary study-specific documents in accordance with Standard Operating Procedures (SOPs),
- Maintenance of essential laboratory equipment, documentation, and reporting of matters associated with general laboratory workflow.
- Data entry and execution of daily mandated quality control checks required to maintain the integrity of ongoing studies.
- Assistance with the production of kits and sample labeling.

2022-Current

Laboratory assistant at University of Westminster (volunteering)

Key duties:

- Manage various professional lab equipment and tools
- Preparation of laboratory reports
- Sample purification and analysis
- Responsibility for a clean and organised work environment
- Data handling and interpretation with diverse methods using SPSS statistics and Microsoft Office
- Presentation and explanation of safety measurements to new candidates

2021-Current

Waitress and event supervisor at Clapton Country Club Ltd

Key duties:

- Greeting guests and providing high-quality customer service in a fastpaced environment.
- Communication with staff and customers to ensure satisfactory service.
- Conduct final checks of food items prior to serving customers to ensure quality maintenance.
- Team management and new employee training

2019-2021

Sales assistant and junior herbalist - St. Anna's herbalist's shop in Czechowice-Dziedzice

Key duties:

- Undertaking patient consultations to help diagnose illnesses and conditions and to select appropriate remedies after consultation with a specialist.
- Cooperating with and making referrals to specialists or other healthcare practitioners
- Marketing and promoting the business.