

Curriculum Vitae



Sofia Lytvyn

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Place of birth: Donetsk, Ukraine

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Education

BSc in Cell and Tissue Biology at Taras Shevchenko National University of Kyiv (Kyiv, Ukraine 09/2018 – 06/2022)

Research Experience

University of Zurich, Nanobody Service Facility – laboratory technician (Lindau, Switzerland 08/01/2024 – Present)

University of Zurich, Department of Life Sciences – internship in Konrad Basler laboratory (Zurich, Switzerland 10/07/2023 – 25/08/2023)

University of Zurich, Department of Life Sciences – research assistant in Stephan Neuhauss laboratory (Zurich, Switzerland 01/06/2023 – Present)

University of Zurich, Department of Life Sciences – research assistant in Francesca Peri laboratory (Zurich, Switzerland 16/05/2022 – Present)

National Scientific Centre «Institute of Biology and Medicine» of Taras Shevchenko National University of Kyiv – «Structural and functional changes of the colon under obesity and its correction with melatonin» (Kyiv, Ukraine 12/2018-06/2020)

Skills

Molecular and cellular biology – DNA and RNA extraction, Cloning, Western Blot, qPCR, ELISA.

Cell culture – Differentiation and maintenance of mouse intestinal organoids.

Immunohistochemistry – Immunofluorescence on frozen and paraffin embedded tissues.

In vivo – Zebrafish Danio Rerio: handling and breeding.

Microscopy – Light microscopy for fixed samples (Confocal). Image processing and image analysis.

Computational applications – Windows and MacOS operating systems, Microsoft Office, Fiji, Adobe, Communication tools.

Laboratory maintenance – instrument care, glassware sterilization, and general laboratory cleanliness.

Soft skills

Communication skills, Team work, Flexibility, Adaptability, Willingness to learn, Empathy.

Languages

Ukrainian, Russian – Native Speaker

English – Speak fluently and read/write with high proficiency (IELTS Academic C1)

Italian – Upper-intermediate (CILS di Siena B2)

Hobbies

Kayaking, hiking, camping, making jams, cooking.