

# CERTIFICATE



This is to acknowledge that

***Oksana Voloshchuk***

PhD

Head of Department of Biochemistry and Biotechnology  
Yuriy Fedkovych Chernivtsi National University

Educational and Scientific Institute of Biology, Chemistry and Bioresources  
Department of Biochemistry and Biotechnology

has successfully completed the online training within the

## **project DigiLabStar III**

(Digital Laboratories for Students-at-risk)

Ruhr University Bochum

from 1 November 2024 through 30 May 2025

in the framework of the program

**„Ukraine Digital“: Ensuring academic success in times of crisis**

funded by DAAD (German Academic Exchange Service) and BMBF (Federal  
Ministry of Research, Technology and Space)



### **Online-workshops:**

1. Moodle course development (10 hours).
2. Designing interactive learning content using the H5P tools (10 hours).
3. Leveraging artificial intelligence for original E-Learning content creation: storytelling, text and image generation, and gamified course development using Digital tools (10 hours).

### **Practical Module:**

Creating and implementing interactive test tasks in Moodle (30 hours).

### **The following competencies were acquired:**

- Design and structure Moodle courses.
- Create interactive digital materials: lectures, manuals, assessments using H5P and other tools to support innovative and personalized learning experiences.
- Integrate AI Tools into E-Learning: content creation including storytelling, text, and image generation.
- Develop gamified and adaptive learning: motivate and support students.
- Implement digital assessments: design and upload diverse Moodle test formats.
- Integrate digital content into curriculum: align with objectives; share for collaborative teaching.
- Support inclusive and crisis-resilient learning: use digital tools to ensure continuity of education in crisis contexts.

By completing this online practical training, 60 hours were fulfilled, equivalent to 2 ECTS credits.

**Dr. Peter Salden**

Director of the Centre for  
Teaching and Learning

Ruhr-Universität Bochum  
Zentrum für Wissenschaftsdidaktik  
FNO 02/037  
D-44780 Bochum

**Dr. Iryna Kompanets**

Project coordinator