



ŠIAULIŲ
UNIVERSITETAS

TESTINIŲ IR
NUOTOLINIŲ
STUDIJŲ
INSTITUTAS

PAŽYMĖJIMAS

CERTIFICATE

Id number 20-0715

This is to certify that

VALENTYNA MOVCHAN

Has participated in the training program

Modern biotechnology in the world

The training program embraced 4 modules 125 hours

period from 20, May to 20, June

Modul 1. Fundamentals of research methodology and data collection in the modern biological studies. The framework to understand biological information, to test hypotheses, and to design robust experiments and optimize experimental approaches biology and genetics. Purification of the environment under the influence of various anthropogenic influences and economic activities of industries in the world – 45 hours of classroom and independent work.

Modul 2. Modern methods of computer, mathematical, laboratory-field modeling with the use of information technology in the study of biological objects at different levels of living organization – 30 hours of classroom and independent work.

Modul 3. Information communication technologies in natural science education: Situational analysis of promising areas of development of natural sciences in world – 25 hours of classroom and independent work.

Modul 4. Modern European standards and bioethical aspects of biological researches. World standards of intellectual property protection in their practical application – 25 hours of classroom and independent work.

Head of Institute



Assoc. Prof. Dr. Rima Bakutyte

Program registration No. 20-478