



WORK OFFER

Ref. No. PL-2020-ZUT026

Employer Information

Employer: West Pomeranian University of Technology, Faculty of
Biotechnology and Animal Husbandry
ul. Doktora Judyma 26

71-466 Szczecin
Poland

Website: www.biotechnologia.zut.edu.pl

Location of placement: Szczecin, Poland
Nearest airport: Szczecin (SZZ), Berlin (SXF, TXL)
Working hours per week: 30.0
Working hours per day: 6.0

Number of employees: 83

Business or products: Education, Research

Student Required

General Discipline: 01-AGRICULTURE AND FOOD SCIENCE
26-BIOLOGICAL AND BIOMEDICAL SCIENCES

Completed years of study: 2

Field of Study: 01.0000-Agriculture, General.
26.1201-Biotechnology.

Student status requirements: Required during the whole period of the internship

Language required: English Fair

Required Knowledge and Experiences:

Other requirements:

Work Offered

An outline of the practice:

The trainee will conduct research on the hormonal and molecular regulation of reproductive processes of animals. Before starting the laboratory analysis, the trainee will be acquainted with the methods used in the determination of steroid hormones (17- β estradiol, progesterone, testosterone), thyroid hormones (triiodothyronine, thyroxine, free triiodothyronine, free thyroxine) and growth factors, especially belonging to the superfamily of transforming growth factors ?.

The trainee will acquire skills in working with modern equipment used in the endocrine diagnostics and determination of hormones and growth factors at the local (female and male gonads) and peripheral level.

The trainee will learn qualitative and quantitative methods used in parasitological diagnosis. The trainee will gain basic equipment usage skills implemented in: biochemical analysis, complete blood count test and urine analysis. The trainee will perform studies on the content of selenium in biological material.

The student will be responsible for:

1. The collection of research material (ovaries, testis, blood of animals).
2. Preparation of laboratory equipment and reagents.
3. Carrying out hormonal and growth factor analysis (using a VICTOR appliance).
4. Carrying out chemical and biochemical analysis (using a spectrophotofluorimeter and spectrophotometer).
5. Carrying out microscopic analysis of biological material (urine sediment, blood smears, fecal smear and other specimens).
6. Analyzing the results.

Number of weeks offered: 13 - 14

Working environment: Research and development

Within the months: 19-OCT-2020 - 25-JAN-2021

Gross pay: 1200 PLN / Month

Or within: -

Deduction to be expected: 0%

Company closed within: -

Payment method / time of first payment: Bank Transfer / Monthly

Latest possible start date:

Accommodation

Canteen at work: No

Expected type of accommodation: Student dormitory

Estimated cost of lodging: 400 PLN / Month

Accommodation will be arranged by: IAESTE

Estimated cost of living incl. lodging: 1200 PLN / Month

Additional Information

Nomination Information

Deadline for nomination: 15-MAR-2020

Date: 29-JAN-2020

On behalf of receiving country: Kinga Urbanek