



## WORK OFFER

Ref. No. PL-2017-ZUT028

### Employer Information

<b>Employer:</b>	West Pomeranian University of Technology, Faculty of Biotechnology and Animal Husbandry ul. Doktora Judyma 26  71-466 Szczecin Poland	<b>Website:</b>	www.biotechnologia.zut.edu.pl
<b>Business or products</b>	Education, Research	<b>Location of placement:</b>	
		<b>Number of employees:</b>	
		<b>Working hours per week:</b>	30.0
		<b>Working hours per day:</b>	6.0

### Student Required

<b>Field of study:</b>	Biology Biotechnology Biotechnology	<b>Study level:</b>	Middle (4-6 Semesters);End (7 Semesters and over)
<b>Specialization:</b>	-;-;Bioengineering	<b>Language required:</b>	ENGLISH      Good      Or FRENCH      Good      Or

Other requirements:

### Work Offered

The student will participate in the following laboratory tasks:  
? Preparation of lysate from tissues,  
? Sample preparation (tissues, biological fluids) for 1-DE and 2-DE,  
? Sample rehydration and isoelectric focusing (IEF) on the IPG (immobilised pH gradient) strips,  
? Polyacrylamide gel casting for 1-DE and 2-DE,  
? Loading and running the gel,  
? Gel staining using various methods (e.g. silver stain or Coomassie Brilliant Blue),  
? Gel and membrane scanning using Versa Doc or Calibrated Densitometer GS-800,  
? 1-D and 2-D gels analysis using bioinformatic tools: PDQuest 8.0. Advanced or Quantity One,  
? Spot excision from gels,  
? In-gel tryptic digestion,  
? Protein identification using a matrix assisted laser desorption/ionisation time of flight mass spectrometer (MALDI-TOF MS),  
? Transferring proteins from gels to the membranes, antibody incubation, imaging and data analysis (Western blot analysis).

<b>Number of weeks offered:</b>	12 - 13	<b>Working environment:</b>	Office work
<b>Within the months:</b>	01-MAY-2017 - 31-JUL-2017	<b>Gross pay:</b>	1200.00 PLN / Month
<b>Or within:</b>	-	<b>Deduction to be expected:</b>	0
<b>Holidays:</b>	-		

### Accommodation

<b>Lodging will be arranged by:</b>	IAESTE	<b>Estimated cost of lodging:</b>	400.00 PLN / Month
		<b>Estimated cost of living incl. lodging:</b>	1200.00 PLN / Month

### Additional Information

### Nomination Information

<b>Deadline for nomination:</b>	31-MAR-2017	<b>Please send nominations by</b>	Exchange Platform
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<b>Date:</b>	03-FEB-2017	<b>On behalf of receiving country:</b>	Przemysław Miskiewicz
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