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Nordplus Neighbour



NORDPLUS NEIGHBOUR 2005-2006

PROJECT "NORDIC – BALTIC - RUSSIAN ACADEMIC NETWORK IN BIOINFORMATICS"

NETWORK MEETING, KAUNAS,

AGENDA

04.-07. JANUARY 2006

LITHUANIAN VETERINARY ACADEMY

DEPARTMENT OF ANIMAL BREEDING AND GENETICS

BUILDING 5, TILZES 18, KAUNAS, LITHUANIA

The aims of the meeting

- Discuss the biology course content, administration and teaching staff.
- Prepare student group identification and application management plan.
- Discuss precourse materials and prepare management plan.
- Discuss budget for biology course.
- Develop final project proposal for 2006/2007 study year.

Meeting activities

1. Presentation of history and current status of the project.
2. Presentation of Lithuanian Veterinary Academy (LVA) – teaching and research.
3. Presentation of Bioinformatics in Vytautas Magnus University.
4. Presentation of research activities in Lithuania and Denmark.
5. Excursion in Lithuanian Veterinary Academy.
6. Discussion the biology course content, administration and teaching staff.
7. Demonstration of LVA technical base for Biology course.

Meeting outcomes

1. Teaching staff for the Biology course:
 - Assoc. Prof., Dr. biol. Algimantas Paulauskas, Vytautas Magnus University;
 - Assoc. Prof., Dr. biol. Ilona Miceikiene, Lithuanian Veterinary Academy;
 - D.Sc.R. Alexey Sazanov, Russian Academy of Agricultural Sciences;
 - Assist. Prof. Dr.sc.ing. Egils Stalidzans, Latvia University of Agriculture;
 - Lecturer, Dr.biomed. Nijole Peculaitiene, Lithuanian Veterinary Academy;
 - Researcher, M.Sc. Lina Baltrenaite, Lithuanian Veterinary Academy;
 - Researcher, M.Sc. Renata Indriulyte, Lithuanian Veterinary Academy;
 - Lecturer, Natalija Krasnopiorova, Lithuanian Veterinary Academy.

2. Biology course program.

Monday, 22nd of May		
Time	Lectures	Tutors
9 ⁴⁵ -10 ³⁰	Introduction to the course	Ilona Miceikiene
10 ³⁰ -11 ¹⁵	Biological make-up of living organisms. Cells and chromosomes.	
11 ⁴⁵ -12 ³⁰	DNA and proteins. DNA code. Central dogma. Genes.	Nijolē Pečiulaitienē
12 ³⁰ -13 ¹⁵		
14 ¹⁵ -15 ⁰⁰	Presentations of students home work, questions, general discussion	All teachers and participants
15 ⁰⁰ -15 ⁴⁵		
16 ¹⁵ -17 ⁰⁰	Presentations of students home work, questions, general discussion	All teachers and participants
Tuesday, 23d of May		
Time	Lectures	Tutors
9 ⁴⁵ -10 ³⁰	Genomics and proteomics. Genomes of prokaryotes and eukaryotes. Human genome. Evolution of genomes	Algimantas Paulauskas Egils Stalidzans
10 ³⁰ -11 ¹⁵		
11 ⁴⁵ -12 ³⁰	Genetic modifications. Biotechnology. Bioethics..	Algimantas Paulauskas Egils Stalidzans
12 ³⁰ -13 ¹⁵		
14 ¹⁵ -15 ⁴⁵	Cytogenetical analysis of domestic animal chromosomes (Microscopy laboratory)	Natalija Krasnopiorova Renata Indriulytė
15 ⁰⁰ -15 ⁴⁵		
16 ¹⁵ -17 ⁰⁰	Cytogenetical analysis of domestic animal chromosomes (Microscopy laboratory)	Natalija Krasnopiorova Renata Indriulytė
Wednesday, 24th of May		
Time	Lectures	Tutors
9 ⁴⁵ -11 ¹⁵	Molecular organization of avian genome	Sazanov Alexey Alexandrovich
11 ⁴⁵ -12 ³⁰	Comparative genomics of avian and mammalian species	Sazanov Alexey Alexandrovich
12 ³⁰ -13 ¹⁵		
14 ¹⁵ -17 ⁰⁰	Plant biotechnology laboratory at LAU	Nijole Peciulaitiene Lina Baltrenaite
Thursday, 25th of May		
Time	Lectures	Tutors
9 ⁴⁵ -10 ³⁰	Positional cloning of QTL and searching for candidate genes	Sazanov Alexey Alexandrovich
10 ³⁰ -11 ¹⁵		
11 ⁴⁵ -12 ³⁰	Gene expression profiling	Sazanov Alexey Alexandrovich
12 ³⁰ -13 ¹⁵		
14 ¹⁵ -15 ⁰⁰	Molecular testing methods of nucleic acids (Animal Genetics Laboratory)	Ilona Miceikienē, Lina Baltrenaite, Nijole Peciulaitiene, Renata Indriulytė
15 ⁰⁰ -15 ⁴⁵		
16 ¹⁵ -17 ⁰⁰	Molecular testing methods of nucleic acids (Animal Genetics Laboratory)	Ilona Miceikienē, Lina Baltrenaite, Nijole Peciulaitiene,



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		Renata Indriulytė
Friday, 26th of May		
Time	Lectures	Tutors
9 ⁰⁰ -13 ⁰⁰	Excursion to Forestry Institute, Biotechnology Laboratory	All teachers and participants
14 ⁰⁰ -18 ⁰⁰	Excursion to MBI “ Fermentas” , Vilnius	All teachers and participants
Saturday, 27th of May		
Time	Lectures	Tutors
9 ⁴⁵ -11 ¹⁵	Test	All teachers and participants
11 ⁴⁵ -13 ¹⁵	Final discussion and course evaluation	All teachers and participants

3. Number of applicants from partner countries:
 - Lithuania – up to 8
 - Latvia - up to 5
 - Estonia - up to 5
 - Denmark and Norway – up to 3
 - Russia – up to 2
4. The list of partner universities was completed and contact persons fixed.
5. The criteria for admission to the Biology course were worked out.
6. The Biology course budget was worked out for students and teaching staff.

Working plan for Biology course

- The final registration and evaluation forms, information about Biology course and list of partner universities development before 01.02.2006.
Responsible: Ilona Miceikiene
- The information about Biology course will be placed on BOVA, LLU and LVA websites before 06.02.2006.
Responsible: Ilona Miceikiene, Irina Arhipova
- The course applicants’ evaluation before 03.04.2006.
Responsible: Ilona Miceikiene.
- Information about acceptance to the course will be send to applicants on 10.04.2006.
Responsible: Ilona Miceikiene.
- Precourse will start at 11.04.2006. The final program of Biology course will be developed before 02.05.2006.
Responsible: Ilona Miceikiene.
- The Biology course duration: 21.05. – 28.05.2006.
Responsible: Ilona Miceikiene.