

Scientific program



The 11th Central and Eastern European Proteomic Conference

27th-29th September 2017 in
Košice, Slovakia



<http://lbmi.uvm.sk/ceepc2017/Kosice/Welcome.html>

SPONSORS



Laboratory of biomedical microbiology and immunology

Department of microbiology and immunology

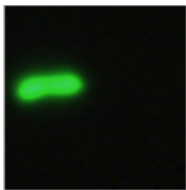
CUSTOM SERVICES



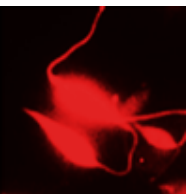
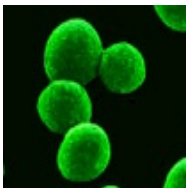
We Offer



- ◆ Custom production of recombinant proteins in *E.coli*, Yeast (eukaryotic) and *Leishmania* (Eukaryotic) expression systems
- ◆ Pre-made recombinant proteins/antigens
- ◆ Custom protein array design



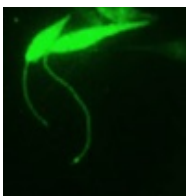
1. Customer provides DNA or cDNA to amplify the protein coding sequence.
2. We give full FREE assistance in case codon optimization is necessary.
3. We offer different tags as an option: (single – 6XHis, Myc; dual tags – His and GFP, His and mCherry, His and Infra-red fluorescent protein, Myc and GFP).
4. Exclusion are applicable to highly toxic proteins and targets greater than 600 amino acids.
5. If the protein production fails because of high toxicity or high hydrophobicity (e.g. membrane proteins), any charge to the customer will be waived.
6. The timeline is approximately 4-6 weeks for *E. coli* expression system and 60-80 days for *Leishmania* expression system.
7. The endotoxin removal option is free (max purity should be <1 EU/ μ g of protein).
8. Protein must contain at least one tag. The customer should clearly state the preferred tag in order form.
9. Production of difficult proteins e.g. membrane proteins, toxic proteins.



Contact – lbmi@uvlf.sk or bhidemangesh@gmail.com
Further information – <http://lbmi.uvm.sk>

Custom protein price range - 300 - 600 Eur/protein/mg depending on the expression system used. Special price for order of more than 10 proteins.

Click to see price list of pre-made proteins - http://lbmi.uvm.sk/LBMI/Premade_proteins_antigens.html.



Tuesday 26th September

17:00 - 19:30 Registration

Wednesday 27th September

8:00 - 9:00 Registration

9:00 - 9:30 Opening ceremony

Morning session

Chair: Suresh Gadher

09:30 - 10:10 **Plenary - Chris W. Turck**

Pathway illumination for disease research - from Omics to Biosignatures

10:10 - 10:35 **Suresh Jivan Gadher**

The power of tears: tear proteogenomics using ProQuantum - High sensitivity immunoassay could revolutionize precision medicine in the clinic

10:35 - 11:00 **Lars Kristensen**

Next generation technology for reproducible and precise proteome Profiling

11:00 - 11:30

Coffee break/ Poster viewing (poster presentation P#1 to P#23)

Chair: Mario Cindrić

11:30 - 12:10 **Plenary - Alon Savidor**

Full-length de-novo protein sequence determination by Database Independent Protein Sequencing (DiPS)

12:10 - 12:30 **Jozef Hanes**

Highly sensitive immunological methods

12:30 - 13:30

Lunch at Hilton Hotel / Posters and commercial booths viewing

Afternoon session

Chair: Vladimír Havlíček

13:30 - 14:10 **Plenary - Mario Cindrić**
Automated sample preparation in proteomics,
multidimensional chromatography, biotypization and beyond

14:10 - 14:35 **Michal Bohac**
Current challenges in proteomic research and latest solution
using Bruker mass spectrometry

14:35 - 15:00 **Jana Melničáková**
Library preparation for NGS using NEBNext

15:00 - 15:30 **Coffee break/ Poster viewing (poster presentation P#1 to P#23)**

Chair: Mangesh Bhide

15:30 - 16:10 **Plenary - Gustavo R. Makert**
Vaccine development for the control of the ectoparasite
Dermanyssus gallinae: a potential vector of pathogenic agents

16:10 - 16:30 **Lucia Borszekova Pulzova**
Design, construction and evaluation of multi-epitope chimeric
proteins for diagnosis of Lyme borreliosis

17:00 **Welcome dinner/Wine tasting,
Departure to TOKAJ WINERY,**
Meeting point – In front of Hotel Hilton. Travel to Tokaj
Winery by bus.

Thursday 28th September

Morning session

Chair: Dasa Čížková

- 09:30 - 10:10** **Plenary - Lee Wei Yang**
DynOmics: dynamics of structural proteome and beyond
- 10:10 - 10:30** **Dasa Cizkova**
Proteomic analyses along injured spinal cord axis: moving frontiers toward effective regeneration with smart scaffolds
- 10:30 - 10:50** **Adriana Natalia Murgoci**
Proteomic and morphological features of rat microglia derived exosomes
- 10:50 - 11:30** *Coffee break/ Posters viewing (poster presentation P#24 to P#55)*

Chair: Gabriel Mazzucchelli

- 11:30 - 12:10** **Plenary - Vladimír Havlíček**
Meet interesting abbreviations in clinical mass spectrometry: from compound classification by REIMS to multimodal and mass spectrometry imaging (MSI)
- 12:10 - 12:30** **Dominika Luptáková**
Membrane depolarization and aberrant lipid distributions in neonatal rat brain upon hypoxic-ischemic insult
- 12:30 - 12:50** **László Drahos**
Proteomic and phosphoproteomic analysis of the synaptosome in sleep deprivation
- 12:50 - 13:40** *Lunch at Hilton Hotel/ Posters and commercial booth viewing*

Afternoon session

Chair: Chris Turck

- 13:40 - 14:20** **Plenary - Katrin Marcus**
Tissue-based clinical proteomics in
neurological/neuromuscular diseases
- 14:20 - 14:40** **Santosh Jadhav**
Tau protein as a perpetrator of synaptic impairment
- 14:40 - 15:05** **Moustafa Khalf**
Bio-Plex Technology (Overview and Applications)
Stain Free, V3 Workflow & Fluorescence WB (toward a validated
protein normalization)
- 15:05 - 15:40** *Coffee break/ Posters viewing (poster presentation P#24 to
P#55)*

Chair: László Drahos

- 15:40 - 16:20** **Plenary - Gabriel Mazzucchelli**
MELD proteolysis: how to take advantage from a limited
and multi-enzymatic digestion
- 16:20 - 16:40** **Miroslava Némethová**
Proteomic analysis of hippocampal CA1 region after
ischemic tolerance induction in the rat brain
- 16:40 - 17:00** **Laszlo Prokai**
Neuroproteomics focusing on drug abuse in animal models
- 17:00 - 17:20** **Katarína Bíliková**
Potential application of honey bee proteins and
antimicrobial peptides in human and veterinary medicine

Friday 29th September

Chair: Katrin Marcus

- 09:30 - 10:10** **Plenary - David Eckersall**
Secretory proteomes and their roles in host defense against infection
- 10:10 - 10:35** **Dietrich Merkel**
100 Proteomes A Week – The next step for industrialized quantitative proteomic
- 10:35 - 10:55** **Sabrina Bousbata**
Complement subversion by *Rhodnius prolixus* and its impact on *Trypanosoma cruzi* establishment on the insect's gut

10:55 - 11:30 **Coffee break**

Chair: Suresh Gadher

- 11:30 - 11:50** **Nicolas Guillemin**
Bioinformatics investigation of dog babesiosis from host differentially expressed proteins identified by proteomics
- 11:50 - 12:10** **Deepti Patel**
Molecular and structural differences in lumpsucker skin among various body sites
- 12:10 - 12:30** **Tomas Smolek**
Spreading of tau pathology in transgenic model of tauopathy
- 12:30 - 12:50** **Eva Klement**
Beyond the cell wall - extracellular phosphorylation
- 12:50 - 13:20** **Closing Ceremony**

13:20 - 14:00 **After conference networking with coffee**

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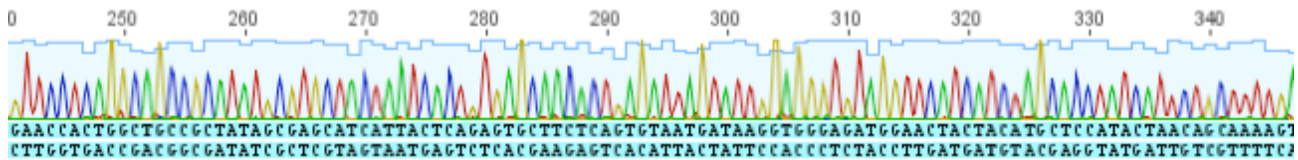
CUSTOM SERVICES



We Offer



DNA sequencing and genotyping



- ➔ **Minimal volume of sample:** 10 ul
- ➔ **Quality of sample:** we recommend to purify the PCR product from agarose gel or purification directly from PCR product, if there is any non-specific products in your PCR product. We are recommend to use Qiagen, Promega, Jena or similar.
- ➔ **Volume of primer:** 10 ul of each primer with the concentration 10 pmol.
- ➔ **Maximal size of product:** we can provide sequencing of max. 500 bp of each forward and reverse primer
- ➔ **Delivery:** 2-7 days
- ➔ **Output format:** sequence and chromatogram
- ➔ **Price:** 9 Euro per sample (price is including sequencing with 1 primer and tax)

After sequencing, we are able to analyze your sequence and determine the gene, site of mutation, identify the pathogen and isolate form the sample. The price for genotyping is on request.

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