



Young Researchers from Slovak University of Agriculture in Nitra, University of Rzeszow, University in Zlin and University of Debrecen

invite for



SLOVAK UNIVERSITY OF AGRICULTURE IN NITRA
6 NOVEMBER 2017

“Scientific researches in food production”

Nitra 6 November 2017

Scientific Committee:

Czech Republic:

doc. RNDr. Leona Buňková, Ph.D.

doc. Ing. František Buňka, Ph.D.

doc. RNDr. Iva Burešová, Ph.D.

Slovak Republic:

prof. Ing. Miroslava Kačániová, PhD.

prof. Ing. Ján Tomáš, CSc.

doc. Ing. Helena Frančáková, CSc.

prof. Ing. Adriana Kolesárová, PhD.

Hungary:

Prof. Dr Béla Kovács, PhD.

Dr. Erzsébet Karaffa, PhD.

Dr. Nikolett Czipa, PhD.

Dr. Ferenc Peles, PhD.

Poland:

Professor Czesław Puchalski, PhD.

Associate Professor Małgorzata Dżugan, PhD.

Associate Professor Agata Znamierowska, PhD.

Assistant Professor Maciej Kluz, PhD.

Organizing committee:

- Miroslava Kačániová – Head
- Zuzana Gálová, Eva Ivanišová, Simona Kunová, Marián Tokár, Eva Tvrdá, Attila Kántor, Vladimíra Křazovická, Želmíra Balážová, Dominik Hollý

Aim:

The meeting of young researchers from V4 countries allow to exchange scientific experiences as well as the expansion and strengthening of scientific and educational cooperation. Participants of conference can be only from V4 countries. It will be good opportunity to promote V4 group and develop the cooperation between V4 countries on the various research field. For participant from this countries it will be possibility to visit Poland and acquainted with the culture and traditions of Poland. This is the second meeting, which will be

continued in the coming years, and every year the organizers will other countries belong to the V4 group.

Participation:

Participants should be students, PhD students or young researchers who are not independent academic staff and who live in one from V4 countries (Poland, Slovakia, Czech Republic, Hungary). The authors of posters and reports should be young participants in the session. Co-author of the submitted paper should be a promoter or team participating in the research.

Working languages:

English and national languages of participants

Presentations:

- A participant is able to present one oral presentation and /or one poster.
- Presentation must be prepared in English and presented in selected language.
- Time for one oral presentation is 10 minutes

Summary:

Editorial requirements will be announced on the conference website (in next announcement)

Poster:

Posters must be prepared in English.
Size 80 cm x 120 cm.

Session calendar:

1. before 15.10.2017 - registration by email:
2. before 15.10.2017 - payment of the conference fee
3. before 20.10.2017 - send of summary in a form ready for print (email: kacaniova.miroslava@gmail.com)

Conference fees:

60 EURO (registration, conference materials, coffee breaks, audio-visual devices, 1 x lunch, book of abstracts – online)
There is also possibility to participate in PhD. Scientific conference.

Conference which will take place 6.-7.10.2017 in Slovak University of Agriculture in Nitra

Account details:

Slovenská poľnohospodárska univerzita v Nitre
Tr. Andreja Hlinku 2
949 76 Nitra
Slovakia
IČO: 00397482
DIČ: 2021252827

The name of the bank: Štátna pokladnica

Address of Bank : Radlinskeho 32, 810 05 Bratislava, Slovakia

Account number: 7000066247/8180

Constant symbol: 0558

Variable symbol: 05907

SWIFT code: SPSRSKBA

IBAN: SK4081800000007000066247

The purpose of the payment: name and surname + variable symbol (f.e. Jonh Enel 05907)

Payment can be made only by bank transfer.

Contact info:

Miroslava Kačániová (kacaniova.miroslava@gmail.com)

Organizing Committee

Department of Microbiology

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Example of abstract:

MICROORGANISMS OF GRAPE BERRIES

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3. Institute of Food and Environmental Hygiene, Faculty of Veterinary Medicine, Latvia University of Agriculture, Jelgava, Latvia.

Grape surface is an unstable habitat that changes greatly according to the stage of grape ripening. Many type of bacteria and yeasts colonize the surface of grape berry and the diversity is depends on the stage of ripening, pesticide application and health condition. The aim of this study was to isolate bacteria and yeasts from the surface of grape berries and identify them by MALDI-TOF Mass Spectrometry. Nineteen grape samples from Slovakia were used in this study. The spread plate method was applied and 100 µL of each dilution (10^{-2} , 10^{-3}) used for isolation of microorganisms (MO) from grapes. Proteins were extracted from cells by ethanol/formic acid extraction procedure. MALDI-TOF Mass Spectrometry was used for identification of each group of MO. Total 11 genera belongs to gram-negative bacteria as well as gram-positive bacteria (11 genera) and 9 genera of yeasts. Gram-negative MO forms 11 %, gram-positive 27 % and yeasts 62 % representation from total 200 isolates. The most common genera of MO isolated from grapes were: *Hanseniaspora* (37 %), *Metschnikowia* (31 %), and *Rhodotorula* (10 %); *Acinetobacter* (22 %), *Pseudomonas* (22 %) and *Sphingomonas* (13 %); *Bacillus* (20 %), *Lactobacillus* (19 %), *Leuconostoc* and *Staphylococcus* (11 %).

Key words: grape berries, microorganisms, isolation and identification, MALDI-TOF Mass Spectrometry.