



PROGRAM

INTERNATIONAL CONFERENCE ON FOOD AND BIOTECHNOLOGY, ICFB 2014

September 11-12, 2014

Agricultural University of Georgia

Tbilisi, Georgia



THURSDAY, SEPTEMBER 11, 2014

11.00-12.30

REGISTRATION AND WELCOME LUNCH

12.30-12.40

WELCOME AND OPENING REMARKS

12.30-12.35

Giorgi Kvesitadze, President of the Georgian National Academy of Sciences.
Director of Durmishidze Institute of Biochemistry and Biotechnology of
Agricultural University of Georgia (DIBBAUG), BIOPARTNERS Project Coordinator

12.35-12.40

Lasha Gotsiridze, Rector of Agricultural University of Georgia

12.40-14.00

ORAL SESSION 1: Biotechnology in Georgia

Chair - Jose Neptuno Rodriguez Lopez

12.40-13.10

BIOTECHNOLOGY POTENTIAL IN GEORGIA

Giorgi Kvesitadze, Durmishidze Institute of Biochemistry and
Biotechnology of Agricultural University of Georgia, Tbilisi, Georgia

13.10-13.20

**NATURAL REMEDIATION TECHNOLOGIES POTENTIAL FOR PRODUCTION OF
SAFE FOOD**

Tinatin Sadunishvili, Durmishidze Institute of Biochemistry and Biotechnology of
Agricultural University of Georgia, Tbilisi, Georgia

13.20-13.40

**FUNGAL BIOCONVERSION OF LIGNOCELLULOSIC BIOMASS: ACHIEVEMENTS &
PERSPECTIVES**

Vladimir Elisashvili, Institute of Animal Husbandry and Feed Production,
Agricultural University of Georgia, Tbilisi, Georgia

13.40-14.00

**BIODEGRADABLE POLYMERS AND BACTERIOPHAGES AND THEIR POTENTIAL TO
GUARD THE FOOD SAFETY**

Ramaz Katsarava, Institute of Chemistry and Molecular Engineering of
Agricultural University of Georgia, Tbilisi, Georgia

14.00-14.30

COFFEE BREAK



- 14.30-15.30** **ORAL SESSION 2: Viruses and Agricultural Biotechnologies**
Chair - Marin Berovič
- 14.30-14.50** **NANOBIOTECHNOLOGICAL POTENTIAL OF HYPERTHERMOPHILIC VIRUSES**
David Prangishvili, Pasteur Institute, Paris, France
- 14.50-15.10** **RECESSIVE RESISTANCE TO PLANT VIRUSES**
Miguel A. Aranda Regules, Department of Biology of Stress and Pathology, Center for Soil Science and Applied Biology of the Segura (CEBAS)-CSIC, Murcia, Spain
- 15.10-15.30** **MILESTONES AND SCOPES OF ACTIVITY IN GENERAL AND APPLIED MICROBIOLOGY IN ARMENIA**
Evrik Afrikian, Microbial Depository Center of s/p Center Armbiotechnology of Armenia, Yerevan, Republic of Armenia
- 15.30-17.10** **ORAL SESSION 3: Advances in Production of Pharmaceutical Compounds**
Chairs - Tinatin Sadunishvili & Miguel A. Aranda Regules
- 15.30-15.50** **ACTIVATION OF 3-O-(3,4,5-TRIMETHOXYBENZOYL)-(-)-EPICATECHIN TMECG) (IN MELANOMA TO A POTENT IRREVERSIBLE INHIBITOR OF DIHYDROFOLATE REDUCTASE**
Jose Neptuno Rodríguez-López, University of Murcia, Department of Biochemistry and Molecular Biology A, Murcia, Spain
- 15.50-16.10** **TECHNOLOGICAL STRATEGIES FOR POMEGRANATE FUNCTIONAL PRODUCTS DEVELOPMENT**
Nuria Martí Bruñá, Miguel Hernández University of Elche, Spain
- 16.10-16.30** **PROBLEMS IN SUBMERGED CULTIVATION OF FUNGAL BIOMASS**
Marin Berovič, University of Ljubljana, Faculty of Chemistry and Chemical Engineering, Ljubljana, Slovenia
- 16.30-16.50** **MEDICINAL MUSHROOMS: SOURCE OF PHARMACOLOGICALLY ACTIVE SUBSTANCES**
Borut Strukelj, University of Ljubljana, Faculty of Pharmacy, Ljubljana, Slovenia
- 16.50-17.10** **CULTIVATION OF THREE MEDICINAL MUSHROOM SPECIES (*GANODERMA LUCIDUM*, *LENTINULA EDODES* AND *GRIFOLA FRONDOSA*) ON OLIVE OIL PRESS CAKES CONTAINING SUBSTRATES**
Andrej Gregori, Institute for Natural Sciences, Ljubljana, Slovenia

17.10-17.40

COFFEE BREAK

17.40-18.40

ORAL SESSION 4: Food Quality Markers and Enzymes in Food Biotechnology
Chair - Alejandro Cifuentes

17.40-18.00

ENZYMES IN FOOD TECHNOLOGY

Walter Steiner, Graz University of Technology, Graz, Austria

18.00-18.20

OFF-FLAVOR IN FOOD-SOURCES AND DETECTION

Erich Leitner, Graz University of Technology, Graz, Austria

18.20-18.40

AUTOOXIDATION AND FLAVOUR OF COLD PRESSED PLANT OILS

Henryk Jeleń, Poznan University of Life Sciences, Faculty of Food Science and Nutrition, Poznan, Poland

18.40-19.20

ORAL SESSION 5: Foodomics

Chair - Alexandre Didebulidze

18.40-19.00

RECENT RESULTS ON FOODOMICS INVESTIGATIONS OF CANCER AND METABOLOMICS OF ALZHEIMER: NEW ADVANCES TO STUDY THE BIOACTIVITY OF DIETARY INGREDIENTS

Alejandro Cifuentes, Laboratory of Foodomics, CIAL National Research Council of Spain (CSIC), Madrid, Spain

19.00-19.20

GREEN FOODOMICS

Elena Ibáñez, Institute of Food Science Research (CIAL, CSIC-UAM), Bioactivity and Food Analysis Department, Madrid, Spain

19.30-22.00

WELCOME DINNER (Georgian Culinary Academy)

FRIDAY, SEPTEMBER 12, 2014

- 9.30-11.30** **ORAL SESSION 6: Taking Technology to Market and to European Projects**
Chairs - Giorgi Kvesitadze & Walter Steiner
- 9.30-10.00** **COOPERATION PERSPECTIVES UNDER THE HORIZON 2020 PROGRAMME**
Thierry Devars, European Commission DG Research & Innovation International Relations Officer, Brussels, Belgium
- 10.00-10.20** **OPPORTUNITIES AND CHALLENGES IN COMMERCIALISING FOOD-BASED TECHNOLOGIES**
Martin Stocks, Plant Bioscience Limited (PBL), UK
- 10.20-10.40** **FACTORS TO CONSIDER FOR TAKING SCIENCE FROM BENCH TO MARKET**
Yolanda Hernando, Center for Soil Science and Applied Biology of the Segura (CEBAS)-CSIC, Murcia, Spain
- 10.40-11.00** **THE PROJECT BIOPARTNERS AND EU COLLABORATION OPPORTUNITIES**
Soraya Bernard, INNO TSD, France
- 11.00-11.20** **PROBLEMS ON COMMERCIALIZATION OF AGRICULTURAL BIOTECHNOLOGY IN GEORGIA**
Alexandre Didebulidze, Agricultural University of Georgia, Tbilisi, Georgia
- 11.20-11.30** **LOCAL MARKETING RESEARCH AND STRATEGY IN GEORGIAN AGRICULTURE**
Natia Ebralidze, Georgian Young Agrarian Scientists Union, Tbilisi, Georgia
- 11.30-12.00** **COFFEE BREAK**
- 12.00-14.00** **POSTER SESSION**
- 14.00-15.00** **LUNCH**
- 15.00-16.00** **OPEN DISCUSSIONS & CLOSING CEREMONY**
- 16.00-18.30** **TOUR TRIP IN TBILISI THE CAPITAL OF GEORGIA**
- 18.30-22.00** **GALA DINNER (Tbilisi Funicular Restaurant)**



Contact Us

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