



PROGRAM

***International Summer School for
Young Scientists***

**ENHANCING HEALTH PROMOTING
COMPOUNDS IN FOOD**

September 8-10, 2014

Bazaleti Training Center

BAZALETI, Georgia

MONDAY, SEPTEMBER 8, 2014

11.30-13.30 **REGISTRATION AND WELCOME LUNCH**

13.30-13.40 **WELCOME AND OPENING REMARKS**

Prof. Dr. 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, Tbilisi, Georgia

13.40-16.35 **Topic 1: RECENT ADVANCES IN FOOD PROCESSING, ANALYSIS AND QUALITY CONTROL**

13.40-14.25 **FOODOMICS: A NEW DISCIPLINE TO INVESTIGATE FOOD IN THE POSTGENOMIC ERA**

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

14.30-15.15 **GAS CHROMATOGRAPHY IN FOOD ANALYSIS**

Prof. Dr. Erich Leitner, Graz University of Technology, Graz, Austria

15.15-15.45 **COFFEE BREAK**

15.50-16.35 **SAMPLE PREPARATION IN FOOD ANALYSIS. TOWARDS SIMPLICITY, MINIATURIZATION AND SPEED**

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

18.00-20.00 **DINNER**

TUESDAY, SEPTEMBER 9, 2014

8.00-9.00 **BREAKFAST**

9.00-9.45

Topic 2: FOOD SECURITY AND FOOD SAFETY

9.00-9.45

FOOD SECURITY IN GEORGIA: CHALLENGES AND SUCCESS

Prof. Dr. Lela Bakanidze, Agricultural University of Georgia, Tbilisi, Georgia

9.50-13.35

Topic 3: BIOACTIVE COMPONENTS FROM FOOD AND FOOD SUPPLEMENTS

9.50-10.35

ISOLATION OF BIOACTIVE COMPONENTS FROM FOODS USING GREEN PROCESSES

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

10.40-11.25

MUSHROOMS – A BIOFACTORY FOR BIOACTIVE COMPOUNDS PRODUCTION

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

11.25-11.55

COFFEE BREAK

12.00-12.45

ENHANCING HEALTH PROMOTING COMPOUNDS IN WINE

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

12.50 -13.35

TECHNOLOGICAL STRATEGIES FOR POMEGRANATE FUNCTIONAL PRODUCTS DEVELOPMENT

Prof. Dr. Nuria Martí Bruñá, the Miguel Hernández University of Elche, Spain

13.35-14.35

LUNCH

15.00-18.00

TOUR TRIP TO MTSKHETA THE ANCIENT CAPITAL OF GEORGIA

18.00-20.30

DINNER

WEDNESDAY, SEPTEMBER 10, 2014

8.00-9.00

BREAKFAST

9.00-12.45

Topic 4: FROM FOOD TO PHARMACY

9.00-9.45

THE ADVANCES IN CULTIVATION OF MEDICINAL FUNGI BIOMASS AND PHARMACEUTICAL COMPOUNDS

Prof. Dr. Marin Berovič, University of Ljubljana, Faculty of Chemistry and Chemical Engineering, Ljubljana, Slovenia

9.50-10.35

NEW POTENTIALS IN MEDICINAL MUSHROOM CULTIVATION

Prof. Dr. Andrej Gregori, Institute for Natural Sciences, Ljubljana, Slovenia

10.40-11.25

THE PHARMACEUTICAL ASPECTS OF MEDICINAL MUSHROOMS

Prof. Dr. Borut Strukelj, University of Ljubljana, Faculty of Pharmacy, Ljubljana, Slovenia

11.25-12.00

COFFEE BREAK

12.00-12.45

ENGINEERING TEA MOLECULES FOR CANCER THERAPY

Prof. Dr. Jose Neptuno Rodríguez-López, University of Murcia, Department of Biochemistry and Molecular Biology, Murcia, Spain

12.45-13.45

LUNCH

13.50-16.30

TOPIC 5: TAKING FOOD TECHNOLOGY TO MARKET AND TO EUROPEAN PROJECTS

13.50-14.20

DEVELOPMENT AND COMMERCIALISATION OF A NEW "SUPERFOOD"

Dr. Martin Stocks, Plant Bioscience Limited (PBL), Norwich, UK

14.25-14.55

FROM BENCH TO MARKET: A CASE STUDY

Dr. Yolanda Hernando, Center for Soil Science and Applied Biology of the Segura (CEBAS)-CSIC, Murcia, Spain



15.00-16.30 **HORIZON 2020 OPPORTUNITIES**
Soraya Bernard, INNO TSD, France

16.30-17.00 **COFFEE BREAK**

17.30-19.30 **OPEN DISCUSSIONS AND STUDENTS PRESENTATIONS**

20.00-22.00 **SUMMER SCHOOL GALA DINNER**





Contact Us

Professor Giorgi Kvesitadze

Coordinator of the Project Biopartners

Durmishidze Institute of Biochemistry and
Biotechnology of Agricultural University of Georgia

Phone: +995 577 437 079

Email: Kvesitadze@hotmail.com

BIOPARTNERS project is funded by the European Community under the International Cooperation activity of the Capacities Programme of the 7th European Framework Programme for RTD (FP7).

