
Ministry of Education, Science and Technological Development
of the Republic of Serbia

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Zoran Kostić, Leskovac, Serbia; Jelena Pejcin, Novi Sad, Serbia;
Marina Nikolić, Leskovac, Serbia

The Organizing Committee

Platform

Thursday

October 19, 2017

Faculty of Technology

19,00 - 20,00

Distribution of materials and payment of registration fee

Friday

October 20, 2017

Faculty of Technology

08,00 - 09,30

Distribution of materials and payment of registration fee

Leskovac Cultural Center

10,00

Opening ceremony

Moderator:

Ljubiša Nikolić, Miodrag Lazić, Dragana Randelović

10,30

Cocktail

Plenary Lecture

Moderator:

Nada Nikolić, Predrag Rašković

11,00 - 11,45

Darko Goričanec

(University of Maribor, Faculty of Chemistry and Chemical Engineering, Maribor, Slovenia)

EXPLOITATION OF LOW-TEMPERATURE ENERGY SOURCES FROM
COGENERATION GAS ENGINES

11,40 - 12,10

Zoran Zeković

(University of Novi Sad, Faculty of Technology, Department of Biotechnology
and Pharmaceutical Engineering, Serbia)

OUR EXPERIENCE IN SUPERCRITICAL FLUID EXTRACTION PROCESSES –
SUPERCRITICAL CARBON DIOXIDE AND SUBCRITICAL WATER

13,00 - 15,00

Lunch break

Plenary Lecture

Moderator:

Ivana Banković Ilić, Ivana Karabegović

15,00 - 15,30

Olivera Stamenković

(University of Niš, Faculty of Technology, Leskovac, Serbia)

THE DEVELOPMENT AND PERSPECTIVES OF BIODIESEL PRODUCTION
PROCESSES

15,40 - 16,10

Predrag Vukosavljević

(University of Belgrade, Faculty of Agriculture, Institute for Food Technology and Biochemistry,
Belgrade, Serbia)

MODERN TRENDS IN PRODUCTION OF FRUIT JAMS, JELLIES
AND MARMALADES

Leskovac Cultural Center

16,10 - 18,30

Poster exhibitions

Section for Organic Chemical technology and Polymer engineering
Section for Section for Chemical and Environmental engineering

18,00 - 18,30

Discussions

Higher Business School

Section Lecture

**Section for Socio-economic implications of innovations
and new technologies**

Moderator: Ivan Mihailović

Dragana Ranđelović, Tadija Đukić, Jelena Krstić Randić

(Higher Business School, Leskovac, Serbia; Faculty of Economy, Nis, Serbia)

15,00 – 15,30

THE IMPACT OF INFORMATION TECHNOLOGY ON THE CONVERGENCE
OF FINANCIAL ACCOUNTING AND MANAGEMENT ACCOUNTING

15,30 – 19,30

Oral Presentations

Saturday

October 21, 2017

Leskovac Cultural Center

Plenary Lecture

Moderator: Suzana Cakić, Dragan Cvetković, Dušan Trajković

Jasna Čanadanović-Brunet, Gordana Četković, Vesna Tumbas Šaponjac

(University of Novi Sad, Faculty of Technology, Novi Sad, Serbia)

ORGANIC COMPOUNDS WITH ANTIOXIDANT ACTIVITIES

10,00 – 10,30

Suzana Erić

(University of Belgrade, Faculty of Mining and Geology, Belgrade, Serbia)

THE APPLICATION OF SEM-EDS METHOD IN FOOD AND
TEXTILE TECHNOLOGIES AND ITS LIMITATIONS

10,40 – 11,10

11,30 – 12,00	Vineta Srebrenkoska (Faculty of Technology, University Goce Delcev, Stip, Macedonia) POLYMER ECO-COMPOSITES: PREPARATION AND RECYCLING
12,30 – 13,30	Poster exhibitions Section for Biotechnology and Food technology Section for Textile technology
13,30 – 14,00	Discussions
14,00	Closing Symposium

Section

BIOTECHNOLOGY AND FOOD TECHNOLOGY

Posters

BFT 1

Željka Marjanović-Balaban, Ljiljana Stanojević, Vesna Kalaba, Jelena Stanojević,
Dragan Cvetković, Milorad Cakić

CHEMICAL COMPOSITION, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF ESSENTIAL OIL *Menthae piperitae* L.

BFT 2

Ljiljana Stanojević, Mihajlo Stanković, Jelena Stanojević

COMPARATIVE ANALYSIS OF ANTIOXIDANT ACTIVITY OF EXTRACTS FROM LEMON BALM (*Melissa officinalis* L.,
Lamiaceae) AND YARROW (*Achillea millefolium* L., Asteraceae)

BFT 3

Dragana Stanisavljević, Dragan Veličković, Sofija Đorđević, Ivana Karabegović,
Saša Stojičević, Miodrag Lazić

ANTIOXIDANT ACTIVITY OF THE ESSENTIAL OILS OF *Thymus serpyllum* L.

BFT 4

Ivan Samelak, Božana Odžaković, Miodrag Jazić, Mirjana Milošević, Zoran Kukrić

SECONDARY METABOLITES AND THE ANTIOXIDANT ACTIVITY OF THE BERRY FROM KOZARA MOUNTAIN

BFT 5

Miodrag Jazić, Ivan Samelak, Mirjana Milošević, Zoran Kukrić

THE ANTIOXIDANT ACTIVITY OF WILD AND CULTIVATED BLACKBERRY POMACE EXTRACT
(*Rubus fruticosus* L.), QUANTIFIED BY BRIGGS-RAUSCHER OSCILLATORY REACTION

BFT 6

Maja Vukašinić Sekulić, Marica Rakin, Maja Bulatović, Tanja Krunić

ANTIMICROBIAL ACTIVITY OF PROPOLIS

BFT 7

Vanja Todorović, Zoran Todorović, Marina Milenković, Bojana Vidović, Nevena Dabetić, Slađana Šobajić

IMPACT OF EXTRACTION SOLVENT ON ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY IN COCOA POWDERS

BFT 8

Jelena Vladić, Tatjana Čebović, Senka Vidović, Aleksandra Gavarić, Zoran Zeković

SUPERCRITICAL VERSUS SPRAY DRIED EXTRACTS OF WINTER SAVORY: CYTOTOXIC IN VIVO ACTIVITY

BFT 9

Mire Zloh, Jelena Vladić, Mark Scott, Senka Vidović, Milan Tomić, Ferenc Kiš

CARROT WASTES COMPARATIVE ASSESSMENT OF TECHNOLOGIES FOR EXTRACTION
OF HIGH VALUE COMPOUNDS FROM

BFT 10

Miloš Gvero, Dino Hasanagić, Ljiljana Topalić-Trivunović, Goran Vučić, Biljana Kukavica

INFLUENCE OF DIFFERENT CONCENTRATIONS OF Pb, Mn AND Cd ON THE PEROXIDASE ACTIVITY
AND PHENOLS CONCENTRATION IN *REYNOUtria japonica* HOUTT FOLIAGE

BFT 11

Dragan Cvetković, Ljiljana Stanojević, Jelena Zvezdanović, Jelena Stanojević,
Sanja Petrović, Marija Stevanović

THE COMPOSITION OF PHOTOSYNTHETIC PIGMENTS IN RED AUTUMN FOLIAGE OF ARONIA

BFT 12

Ivana Nikolić, Ivan Savić, Tatjana Kundaković, Ivana Savić-Gajić

MODELING THE EXTRACTION OF TOTAL POLYPHENOLS FROM CHICKPEA (*Cicer arietinum* L.)

BFT 13

Milena Nikolić, Aleksandra Pavlović, Milan Mitić, Jovana Krstić, Jelena M. Mrmošanin

DETERMINATION OF TOTAL PHENOLIC, FLAVONOID AND ANTHOCYANIN CONTENTS
IN DIFFERENT STRAWBERRY EXTRACTS

BFT 14

Ivana Karabegović, Sandra Stamenkovic, Dragan Veličković, Saša Stojičević,
Nada Nikolić, Miodrag Lazić

CHEMICAL CHARACTERIZATION OF ESSENTIAL OIL AND HYDROSOL OBTAINED
BY MICROWAVE HYDRODISTILLATION FROM ORGANICALLY CULTIVATED BASIL (*OCIMUM BASILICUM* L.)

BFT 15

Jelena Mitrović, Ljubiša Nikolić, Suzana Cakić, Ivana Karabegović, Miodrag Lazić, Nada Nikolić

THE EFFECT OF EXTRAGENT ON CONTENT AND DPPH SCAVENGING CAPACITY OF FREE POLYPHENOLS
OF *Urtica dioica* L. SEEDS

BFT 16

Ivana Kostić, Darko Anđelković, Tatjana Anđelković, Hristina Kocić, Gordana Kocić, Milica Branković

DEHP EXTRACTION OPTIMIZATION FROM MILK SAMPLES

BFT 17

Nataša Joković, Nataša Cvetković, Nikola Stanković, Tatjana Mihajilov Krstev

THE FERMENTATION OF SOY MILK WITH PROBIOTIC CULTURE

BFT 18

Tatjana Veličković, Zorana Rončević, Siniša Dodić, Jovana Grahovac, Jelena Dodić

OPTIMIZATION OF LACTOSE CONTAINING MEDIUM FOR PRODUCTION OF COMPOUNDS
WITH ANTIBACTERIAL ACTIVITY

BFT 19

Zorana Rončević, Vanja Vlajkov, Siniša Dodić, Jovana Grahovac, Jelena Dodić

SCREENING OF *Xanthomonas* STRAINS AND STANDARDIZATION OF INOCULUM PREPARATION
FOR XANTHAN PRODUCTION ON WINERY WASTEWATERS

BFT 20

Aleksandra Veličanski, Dragoljub Cvetković, Siniša Markov, Sonja Đilas

SUSCEPTIBILITY OF WILD BACTERIAL STRAINS TO CHOKEBERRY POMACE EXTRACT

BFT 21

Svetlana Lakićević, Ivana Karabegović, Nada Nikolić, Snežana Stanković, Ivana Mošić, Miodrag Lazić

EFFECTS OF AROMATIC HERBS ADDITION ON THE PHENOLIC CONTENT AND SENSORY CHARACTERISTICS
OF THE PROKUPAC WINE

BFT 22

Sandra Konstantinović, Milica Zlatković, Jovan Ćirić, Slavica Ilić, Gordana Gojgić Cvijović, Vlada Veljković

THE INFLUENCE OF MODIFIED NUTRITION MEDIUM ON *STREPTOMYCES HYGROSCOPICUS*
CH-7 MORPHOLOGICAL CHANGES

BFT 23

Jelena Pejin, Miloš Radosavljević, Milana Pribić, Sunčica Kocić-Tanackov,
Dragana Mladenović, Aleksandra Đukić-Vuković, Ljiljana Mojović
FED-BATCH L-(+)-LACTIC ACID FERMENTATION OF BREWER'S SPENT GRAIN HYDROLYSATE WITH
THE ADDITION OF RENEWABLE NITROGEN SOURCES

BFT 24

Jovan Ćirić, Nataša Joković, Slavica Ilić, Sandra Konstantinović, Dragiša Savić, Vlada Veljković
THE FERMENTATION OF WASTE GLYCEROL OBTAINED IN BIODIESEL PRODUCTION
BY *Enterococcus faecalis* MK3-10A LACTIC ACID BACTERIA

BFT 25

Nataša Joković, Milan Milenković, Marina Jaušković, Milan Kostić, Olivera Stamenković, Vlada Veljković
POTENTIAL OF INDUSTRIAL HEMP FOR REMOVING HEAVY METALS FROM SOIL

BFT 26

Marina Kolundžić, Jelena Radović, Ana Tačić, Vesna Nikolić, Tatjana Kundaković
MICRO- AND MACROELEMENTS OF FOUR EDIBLE MUSHROOMS FROM SERBIA

BFT 27

Jelena Mrmošanin, Milena Nikolić, Aleksandra Pavlović, Snežana Mitić, Snežana Tošić
DETERMINATION OF TRACE METAL CONTENTS IN COCOA POWDER SAMPLES USING ICP-OES

BFT 28

Marija Menkinoska, Valentina Pavlova, Tatjana Blazhevaska, Natasa Gjorgovska,
Viktorija Stamatovska, Vinko Stanoev
QUALITATIVE PROPERTIES OF Zn BIO-FORTIFIED SOFT WHEAT FLOUR

BFT 29

Nada Nikolić, Jelena Mitrović, Saša Savić, Sanja Petrović, Ivana Karabegović,
Miodrag Lazić, Gordana Stojanović
THE CONTENT AND COMPOSITION OF MINERALS IN YELLOW CORN (*Zea mays* L.) FLOUR

BFT 30

Saša Savić, Sanja Petrović, Živomir Petronijević
ICP-OES ANALYSIS OF COFFEE FROM THE SERBIA TERRITORY

BFT 31

Milena Stojiljković, Ljiljana Stanojević, Saša Savić, Dragan Cvetković, Goran Nikolić, Staniša Stojiljković
THE CONTENT OF MICRO AND MACRO ELEMENTS IN AQUEOUS-ETHANOLIC EXTRACTS
OF WHITE WILLOW BARK AND YOUNG SHOOTS

BFT 32

Marijana Stojković, Vesna Nikolić, Slobodan Petrovic, Ljiljana Stanojević, Ana Tačić,
Ljubiša Nikolić, Ljiljana Takić, Saša Savić
ANALYSIS OF MACRO AND MICROELEMENTS IN BIRCH SAP (*Betula pendula*)

BFT 33

Viktorija Stamatovska, Gjore Nakov, Tatjana Kalevska, Zora Uzunoska, Aleksandar Saveski
PRODUCTION OF BISCUITS WITH ACACIA GUM

BFT 34

Dragan Vujadinović, Radosav Grujić, V. Tomović, Danica Savanović, Vesna Gojković, M. Vukić
CHANGE IN FUNCTIONAL AND SENSORY PROPERTIES OF ORGANIC SAUSAGES DUE TO REPLACEMENT
OF PHOSPHATE SALTS WITH NATURAL TEXTURAL MODIFIERS

BFT 35

Goran Vučić, Ana Velemir, Ladislav Vasilišin
QUALITY OF THE PEACH COMPOTE BY DIFFERENT MANUFACTURERS ON THE BANJA LUKA MARKET

BFT 36

Jelena Aničić, Biljana Pećanac, Goran Vučić
DETERMINATION OF TETRACYCLINE RESIDUES IN MILK - SEMI-QUANTITATIVE ORIENTATIONS LEVEL (LC-MS/MS)

BFT 37

Irina Mladenoska, Vojce Mitevski
EDIBLE PECTIN AND BEEWAX/PECTIN COATINGS IN MINIMAL PROCESSING OF FRESH CUT APPLES

BFT 38

Radosav Grujić, Danica Savanović, Vesna Gojković, Dragan Vujadinović, M. Vukić, Ž. Vučetić
THE INFLUENCE OF FREEZING RATE AND METHODS OF THERMAL PROCESSING ON THE TECHNOLOGICAL AND SENSORY PROPERTIES OF MEAT

BFT 39

Milena Miljković, Snežana Spasić, Vojkan Miljković, Katarina Stepić, Violeta Rakić
EFFECT OF ADDITIVE ON THE PROCESS PARAMETERS AND COAGULATION IN A PRODUCTION OF FETA CHEESE

BFT 40

Nebojša Milosavljević, Bojana Danilović, Dragiša Savić
LACTIC ACID BACTERIA MICROBIOTA OF THE "PIROT'S KASHKAVAL"

BFT 41

Vesna Gojković, Željka Marjanović-Balaban, Radoslav Grujić, Ljiljana Stanojević
DETERMINATION OF THE COMPOSITION OF GLIADINS AND GLUTENINS BY CAPILLARY ELECTROPHORESIS

BFT 42

Gjore Nakov, Nastia Ivanova, Stanka Damyanova, Viktorija Stamatovska
A REVIEW OF β - GLUCANS (PHYSICAL AND CHEMICAL PROPERTIES, USAGE IN PEOPLE'S DIET AND HEALTH BENEFIT FROM THEIR CONSUMMATION)

BFT 43

Ljubinko Barašin, Radosav Grujić, Goran Vučić, Meho Bašić
EFFECTS OF DIFFERENT STUNNING CONDITIONS ON THE QUALITY OF RAW BREAST BROILER MUSCLE (*PECTORALIS MAJOR*)

BFT 44

Valentina Pavlova, Tatjana Blazhevskaja Marija Menkinoska, Vinko Stanoev, Irena Todoroska, Rozita Vaskoska-Spirkoska
PRODUCTION OF A NEW TYPE GLUTEN-FREE CONFECTIONARY PRODUCT

BFT 45

Bojana Milićević, Bojana Danilović, Natalija Džinić, Dragiša Savić
THE CHANGES IN ORGANIC ACIDS CONTENT DURING THE PRODUCTION OF PETROVAC SAUSAGE IN CONTROLLED CONDITIONS

BFT 46

Milka Avramov Ivić, Jelena Lović, S. Stevanović, B. Andjelković, Slobodan Petrović, D. Vuković, N. Prlainović, Dušan Mijin, N.D. Nikolić
SURFACE MORPHOLOGY CHARACTERIZATION OF GLUCOSE OXIDASE-GLUTARALDEHYDE-CYSTEINE SENSOR ON MODIFIED GOLD ELECTRODE

BFT 47

Mile Veljović, Predrag Vukosavljević, Ivana Karabegović, Zora Dajić
PHISICO-CHEMICAL AND SENSORY PROPERTIES OF CANDIED RASPBERRIES REMAINED
AFTER ALCOHOLATE PRODUCTION

BFT 48

Biljana Davidović-Plavšić, Svjetlana Čolić, Nada Vidović, Biljana Kukavica
INFLUENCE OF PESTICIDES ON LIPID PEROXIDATION OF HUMAN ERYTHROCYTES MEMBRANES

Section

ORGANIC CHEMICAL TECHNOLOGY AND POLYMER ENGINEERING

Posters

OCT 1

Ivan Ristić, Darko Manjencic, Danica Piper, Suzana Cakić, Ljubiša Nikolić,
Sanja Rackov, Aleksandra Miletić

SYNTHESIS OF RENEWABLE SILICONE BASED TRIBLOCK COPOLYMERS

OCT 2

Darko Manjencic, Suzana Cakić, Tanja Radusin, Branka Pilić, Sanja Rackov, Ivan Ristić

INVESTIGATION OF THERMAL PROPERTIES OF SILICONE BASED NANOCOMPOSITES

OCT 3

Matea Korica, Lidija Fras Zemljič, Matej Bračič, Rupert Kargl, Tanja Nikolić, Ana Kramar, Mirjana Kostić

INVESTIGATION OF INTERACTIONS BETWEEN CHITOSAN AND SURFACES OF ULTRA THIN
NANO-COMPOSITE FILMS BASED ON CELLULOSE

OCT 4

Suzana Cakić, Ivan Ristić, Jakov Stamenković

EFFECT OF THE SILICA NANOFILER ON THE PROPERTIES OF WATERBORNE POLYURETHANE BASED
ON RECYCLED CASTOR-OIL POLYOLS

OCT 5

Slaviša Jovanović, Gordana Marković, Vojislav Jovanović, Milena Marinović-Cincović,
Suzana Samaržija-Jovanović, Kojić Dejan, Jaroslava Budinski-Simendić

EFFECT OF IRRADIATION OF SULFUR CURED NR/BR/SBR TERNARY RUBBER BLENDS

OCT 6

Dejan Kojić, Nada Lazić, Milenko Plavšić, Jaroslava Budinski-Simendić, Gordana Marković,
Pero Dugić, Jelena Pavličević

STRUCTURING OF ELASTOMERS BASED ON COPOLYMER OF STYRENE AND BUTADIENE REINFORCED
WITH SILICA NANOPARTICLES

OCT 7

Jaroslava Budinski-Simendić, Ayse Aroguz, Dejan Kojić, Ljiljana Tanasić, Nevena Vukić,
Vojislav Aleksić, Pero Dugić

STRUCTURING OF ELASTOMERIC COMPOSITE MATERIALS FOR SEALANTS FABRICATION

OCT 8

Mirjana Jovičić, Vesna Teofilović, Jelena Pavličević, Oskar Bera, Dragan Govedarica,
Jaroslava Budinski-Simendić

ALKYD RESINS OBTAINED FROM GLYCOLYSIS PRODUCTS OF WASTE POLYETHYLENE TEREPHTHALATE

OCT 9

Pero Sailović, Branka Rodić Grabovac, Snezana Uletilović

THE BONDING DICLOFENAC IN THE WATER SOLUTION ON MODIFIED CELLULOSE

OCT 10

Pero Sailović, Branka Rodić Grabovac, Snezana Uletilović

BIOLOGICALLY ACTIVE CELLULOSIC MATERIAL WITH THE BOUND CEFAZOLIN

OCT 11

Maja Urošević, Aleksandar Zdravković, Snežana Ilić-Stojanović,
Ljubiša Nikolić, Saša Savić, Sanja Petrović, Vesna Nikolić
HYDROGELS BASED ON N-ISOPROPYLACRYLAMIDE AND METHACRYLIC ACID FOR
THE ADSORPTION OF MANGANESE IONS

OCT 12

Snežana Ilić-Stojanović, Ljubiša Nikolić, Vesna Nikolić, Maja Urošević, Aleksandar Zdravković
ANALYSIS OF RESIDUAL MONOMER CONTENT AFTER SYNTHESIS OF HYDROGELS BASED
ON N-ISOPROPYLMETHACRYLAMIDE

OCT 13

Aleksandar Zdravković, Snežana Ilić-Stojanović, Ljubiša Nikolić,
Stevo Najman, Žarko Mitić, Ana Ćirić, Vesna Nikolić
LEAD IONS ADSORPTION FROM AQUEOUS SOLUTIONS
BY POLY(N-ISOPROPYLACRYLAMIDE-CO-METHACRYLIC ACID) HYDROGELS

OCT 14

Ljubiša Nikolić, Aleksandar Zdravković, Snežana Ilić-Stojanović, Saša Savić, Sanja Petrović,
Vesna Nikolić, Stevo Najman
POLY(N-ISOPROPYLACRYLAMIDE) HYDROGELS FOR CHROMIUM IONS REMOVAL FROM AQUEOUS SOLUTIONS

OCT 15

Vesna Nikolić, Ana Tačić, Snežana Ilić-Stojanović, Ljubiša Nikolić, Ivan Savić,
Aleksandar Zdravković, Ana Ćirić
SWELLING OF SYNTHESIZED POLY(N-ISOPROPYLACRYLAMIDE) HOMOPOLYMER HYDROGELS
IN DIFFERENT MEDIA

OCT 16

Jelena Stanojević, Dragan Cvetković, Jelena Zvezdanović, Ljiljana Stanojević, Milorad Cakić,
Andrija Šmelcerović, Dejan Marković
QUERCETIN AND BENZOPHENONE INTERACTION UNDER CONTINUOUS UV-B IRRADIATION REGIME

OCT 17

Ana Tačić, Sanja Petrović, Vesna Nikolić, Ljubiša Nikolić, Ivana Savić-Gajić, Ivan Savić
SULFANILAMIDE UV-IRRADIATION STABILITY; KINETIC STUDIES

OCT 18

Sanja Petrović, Ana Tačić, Saša Savić, Sanela Savić, Vesna Nikolić, Ljubiša Nikolić
SULFANILAMIDE IN LIPOSOME VESICLES: IN VITRO RELEASE STUDIES

OCT 19

Sanja Petrović, Aleksandar Lazarević, Jelena Zvezdanović
STABILITY OF CHLOROPHYLL DURING WHITE LIGHT TREATMENTS IN DIFFERENT METHANOL
/ WATER MIXTURES. UHPLC-DAD-MS STUDY

OCT 20

Milica Zlatković, Jelena Stanojević, Dragan Cvetković, Sandra Konstantinović
THE SYNTHESIS AND PHOTOLYTIC STABILITY OF 5-NITROISATIN-3-TOSYLHYDRAZONE

OCT 21

Dragan Stojiljković, Jelena Zvezdanović, Ivana Vučković, Sandra Konstantinović
SEPARATION AND IDENTIFICATION OF ACTIVE COMPONENTS FROM REISCHI/PROPOLIS EXTRACT
BY HPLC METHOD

OCT 22

Goran Nikolić, Dragana Marković Nikolić, Milorad Cakić, Aleksandar Bojić,
Dragan Cvetković, Danijela Bojić

SYNTHESIS AND CHARACTERIZATION OF QUATERNARY ANION EXCHANGER BASED
ON NATURAL LIGNOCELLULOSIC MATERIAL

OCT 23

Goran Nikolić, Milorad Cakić, Dragana Marković Nikolić, Dragan Cvetković, Aleksandar Bojić,
Saša Savić, Sanja Petrović

REMOVAL OF PHOSPHATE COMPOUNDS FROM PHARMACEUTICAL CONTAMINATED SOLUTIONS
BY MODIFIED NATURAL SORBENT

OCT 24

Vojkan Miljković, Marija Tasić-Kostov, Nebojša Cekić, Milorad Cakić, Goran Nikolić
PHYTOPREPARATION FOR DERMATOLOGICAL APPLICATION BASED ON *Morus nigra* L.
FRUIT EXTRACT AS AN ACTIVE COMPONENT

OCT 25

Vojkan Miljković, Marija Tasić-Kostov, Nebojša Cekić, Milorad Cakić, Goran Nikolić
HYDROGEL FOR DERMATOLOGICAL APPLICATION WITH *Morus alba* L. FRUIT EXTRACT

OCT 26

Milena Kostić, Nikola Gligorijević, Marko Igić
DENTURE BASE RESINS WATER ABSORPTION

OCT 27

Nikola Gligorijević, Milena Kostić, Dragan Mihailović, Stevo Najman,
Marko Igić, Nebojša Krunić
BIOLOGICAL EFFECTS OF DENTAL ACRYLIC IMPLANTS ON RAT TISSUE

OCT 28

Milka Avramov Ivić, Jelena Lović, Dušan Mijin, Milka Jadranin,
Kristina Radosavljević, Aleksandar Mladenović, Slobodan Petrović
ELECTROCHEMICAL DEGRADATION OF AZITHROMYCIN USING Ti/RuO₂ ANODE

OCT 29

Perica Pešić, Marija Lazarević
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CHEMICAL AND ENVIRONMENTAL ENGINEERING

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Mihailo Ristić†, Milan Milivojević

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Jasna Čanadanović-Brunet

Biography

Prof. Jasna Čanadanović-Brunet is a Full Professor at the Faculty of Technology in Novi Sad, University of Novi Sad, from 15.05.2008. She teaches:

- the undergraduate study courses: Organic chemistry, Food chemistry, Additives and Aroma Quality Control;
- master study course: Antioxidants in the Food Industry and
- PhD study courses: Chemistry of Free Radicals, Organic Chemistry, Natural and Synthetic Antioxidants and Selected Topics in Food Chemistry.

Research of Prof. Jasna Čanadanović-Brunet is in the field of chemistry of stable and unstable free radicals in the model and chemical systems, as well as the isolation, identification and determination of antioxidant activity of natural organic compounds. In the last ten years Prof. Jasna Čanadanović-Brunet has published 52 papers in SCI journals (M21, M22, M23 category), vast number of papers in journals categorized as M24 and M51, and also presented her research at many national and international conferences. Prof. Jasna Čanadanović-Brunet participated in several research projects, and was coordinating the national project "By-products of processing fruits and vegetables - an important source of phytonutrients" in the period of 2008-2010. (Grant No. TR 23011), funded by the Ministry of Education, Science and Technological Development of the Republic of Serbia. Citation record for Prof. Jasna Čanadanović-Brunet from 2013. is 827, without self-citations (source: Scopus). She was a reviewer of a large number of scientific papers in SCI journals. She supervised three defended doctoral theses and was a member of many PhD theses defense Committees.

Suzana Erić

Biography

Suzana Erić was born on 26 02 1963 in Leskovac (Serbia) where she finished elementary and high school. She works at the University of Belgrade - Faculty of Mining and Geology as Associate Professor at the Department of Mineralogy, Crystallography, Petrology and Geochemistry and maintains the courses: Systematic of Minerals, Applied Mineralogy and Environmental Mineralogy.

In September 2009, Suzana Erić attended the training on SEM-EDS at the Goethe University – Department of Mineralogy (Frankfurt) and in May 2013 she attended the Scan training on WDS Detector – Oxford Instruments – model INCA Wave 700 at the University of Belgrade - Faculty of Mining and Geology. Suzana Erić is a specialist in the SEM-EDS analytical method applied for a wide range of natural and artificial material. She performs morphological and chemical analyses and identification of minerals, ceramic products, glass, metals, toxic pollutants, products of biomineralization, different type of starches, textile fibers etc.

Her research interests are in the framework of several areas: Applied Mineralogy (mechanism of salt formation on the monuments, application of glass–ceramics materials), Environmental Mineralogy (secondary minerals on waste rock dumps, the study of air-borne harmful particles from the polluted areas) and Geothermobarometry.

Until now she has participated to several international and bilateral projects:

- 2007-2011: International FP7-REGPOT-3 project “Reinforcing S&T Capacities of Two Emerging Research Centers for Natural and Industrial Pollutant Materials in Serbia and Slovenia”.

- 2011-2013 Bilateral project Serbia – France “Decay of stone built in cultural heritage”.

- 2012-2013 Bilateral project Serbia – Slovenia “Geochemical properties of polluted areas and geochemical footprints of past catastrophic geological events”.

- 2014-2015 Bilateral project Serbia – France “Influence of mortar on stone decay of Serbian cultural heritage”;

and lead the bilateral project:

- 2016-2017 Serbia – Slovenia “Geochemical characterization of changes in the environment as a result of the leaching of pollutants from old mine tailings”.

Currently, she is engaged in two basic national scientific projects funded by the Serbian Ministry of Education, Science and Technological Development:

- Magmatism and geodynamics of the Balkan Peninsula from Mesozoic to present day: significance for the formation of metallic and non-metallic mineral deposit.

- Minerals of Serbia: Composition, structure, genesis, implementation and contribution to environmental conservation.

She is a member of the Serbian Geological Society and the Serbian Crystallographic Society.

Darko Goričanec

Biography

Ass. prof. dr. Darko Goričanec

University of Maribor, Faculty of chemistry and chemical engineering

Education and Training

1993 PhD University of Maribor, Faculty of Mechanical Engineering

1989 Master of Science University of Maribor, Technical Faculty – Department of Chemical Engineering

1983 Degree in Chemical Technology University of Maribor, Higher Technical School of Maribor – Department of Chemical Engineering

Work Experience

2009 Associate Professor

University of Maribor, Faculty of Chemistry and Chemical Engineering Elements of Process Equipment, Process Equipment, Heat Transfer, Fluid Mechanics I, Fluid Mechanics II, Environmental Technology, Energy Management

1999 - 2009 Assistant Professor

University of Maribor, Faculty of Chemistry and Chemical Engineering, Mechanical Elements, Transport Phenomena, Process Equipment, Heating and Ventilation

1985 - 1999 Assistant

Higher Technical School of Maribor – Department of Chemical Engineering, Mechanical Elements, Transport Phenomena, Process Equipment, Heating and Ventilation

1983 - 1984 Technologist

Company for corrosion protection

Personal Skills

Bibliography:

85 – Original scientific articles, 1 – Review articles, 2 – Short scientific articles, 13 – Professional articles, 9 – Published scientific conference contribution (invited lecture), 137 - Published scientific conference contributions, 6 - Published professional conference contribution, 2 - Published scientific conference contribution abstract, 2 - Independent scientific and professional component part or a chapter in a monograph, 3 - educational material, 44 - Final research report, 28- Treatise, preliminary study, study, 2 – Patents, 4- Organizing scientific and professional meetings, 6 - Invited lecture at foreign university, 4 - Unpublished conference contribution, 7 - Other performed works, 4 – Editor, 2 - Supervisor for Doctoral Dissertations, 6 - Supervisor for Master's Theses, 53 - Supervisor for Undergraduate Theses

Predrag Vukosavljević

Biography

Associate Professor, dr Predrag Vukosavljevic,

Date and place of birth: December 18, 1965., Belgrade, Serbia;

University of Belgrade, Faculty of Agriculture, Institute for Food technology

Education and Qualification: 1993 – Present:

June 2006: University of Belgrade, Department for Food Technology, Faculty of Agriculture (Professor Doctor in Food Technology, Group for Technology of fruit and vegetables, PhD thesis: “Raspberry juice clarification using microfiltration and ultrafiltration),

June 2001: University of Belgrade, Department for Food Technology, Faculty of Agriculture (Master of Science in Food Technology and Biochemistry, Group for Technology of preservation. MSc Thesis: “Apple juice clarification using inorganic membranes during cross-flow ultrafiltration”),

March 1993: University of Belgrade, Department for Food Technology, Faculty of Agriculture (Bachelor of Science in Food Technology and Biochemistry, Group for Technology of preservation and fermentation. Diploma Thesis: “The basics principles of beer dialysis”)

Work experience: 1993 – Present:

University of Belgrade, Department for Food Technology, Faculty of Agriculture.

Teaching Assistant and Associate Professor at Department of Fruits and Vegetables Technology. Published 101 scientific papers individually or with co-authors. The main area of research is technology of fruit juices, technology of soft drinks, technology of spirits (alcohol drinks) and food quality control using efficient food quality control assays following established federal guidelines.

Research experience and background: 1993- Present:

- Participated in 10 projects funded by the Serbian Ministry of education and science.
- Created and implemented 11 new technological solutions (10 completely new products and 1 new technology) on the markets of Serbia and Bosnia&Herzegovina in the segment of fruit juices and spirits.
- Participated in the International Visitor Leadership Program, sponsored by the U.S. Agricultural Trade and Food Safety, within a Multi-Regional Project, funded by the United States Department of State, Bureau of Educational and Cultural Affairs, Graduate School International Institute, August 9 – 27, 2010
- Worked on the Cold Chain Strategy for Serbia, funded by the USAID - Development alternatives, Inc. within the refrigerated warehouse research project–April, 2009,
- Advice for Small Businesses, Desing - Knjazevac, Serbia, Funded by European Bank for Reconstruction and Development, Belgrade, Serbia, 2016,
- Participated in the International Seminar on Modern Agricultural Technology and Food security for Developing Countries sponsored by the Ministry of Commerce and organized by Foreign Economic Cooperation Center, MOA from October 18th 2016 to November 7th, 2016 in Beijing, the People’s Republic of China, No. 16AO842052,
- Became the certified sensory evaluator in compliance with the ISO standard 8586-1:1993 in October 2010..

Olivera Stamenković

Biography

STAMENKOVIĆ Olivera S.

Associate Professor, Chemical Engineering

Personal data:

Born on June 02, 1973 in Bosilegrad, Serbia

Education:

B.S. October 1997; Chemical and Biochemical Engineering; Faculty of Technology, University of Niš

M.S. May 2003; Chemical and Biochemical Engineering; Faculty of Technology, University of Niš

Ph.D. June 2008; Chemical Engineering; Faculty of Technology, University of Niš

Career-Employment:

All on Faculty of Technology University of Niš

2013 – Present: Associate Professor

2008 – 2013: Assistant Professor

2000-2008: Teaching Assistant

Professional Interests:

Chemical Reaction Engineering, Biodiesel Synthesis, Extraction, Biorenewable Energy Sources

Academic Service:

Society memberships: Association of Chemical Engineers of Serbia (since 2011); Serbian Chemical Society (since 1998); Editorial Board: Chemical Industry & Chemical Engineering Quarterly (AIChE Journal; 2012-present), Advanced Technologies (Faculty of Technology, Leskovac; 2012-present), Referee: for Energy Fuels, Ener Conv Manag., Chem. Ind. Chem. Eng. Q., Chem. Ind., Safety Engineering, Afr. J. Pure Appl. Chem., Facta Universitatis

Publications:

44 reviewed papers published in SCI/SCIE journals, over 70 presentations at conference proceedings and meetings, 1 book; 1104 citations (without auto citations); h-index 15.

Vineta Srebrenkoska

Biography

Vineta Srebrenkoska is employed as an associate professor at Faculty of Technology, University "Goce Delcev" (UGD) of Stip, Macedonia. Professor Srebrenkoska is teaching the courses of Technology of Synthetic Polymers, Fiber Forming Processes, Technical and High Performance Fibers, Polymer Composite Materials and topics of Polymer Characterization Methods. Professor Srebrenkoska research interest is in the areas of material development and characterization, polymer composite materials, thermal characterization of polymeric materials, polymer synthesis and modification, surface modification of polymers and fibers for more than fifteen years. Vineta Srebrenkoska authored and co-authored more than 40 published papers (13 in impact factor-journals), 90 conference papers and 10 technical innovations (accepted and applied in "11 Oktomvri-Eurokompozit" of Prilep, Macedonia). The last research projects are oriented towards development of environmentally friendly technologies for production of composites - fiber reinforcement plastics (FRP), including newly developed textile preforms based on synthetic/technical or natural fibers which offer potential of recycling and reutilization of technological waste and mechanical characterization of composites for construction industry. Vineta Srebrenkoska was the WB-participant of the ECO-PCCM project (FP6-INCO-CT-2004-509185) and EUREKA E 4548-DE_AMATECH, project-leader/principal investigator of over 20 scientific projects and programs for industrial partners, coordinator for UGD of the TEMPUS project (PROJECT 158989 - TEMPUS-1-2009-1-BE -TEMPUS-JPHES) and MC member of COST Actions TU 1207 and TU U 1301, and also MC member of COST Action CA15202 and COST Action FP 140

Zoran Zeković

Biography

Professor dr Zoran Zekovic is the professor at the Faculty of Technology University Novi Sad, Department of Biotechnology and Pharmaceutical Engineering. He is lecturing at several subjects at the basic studies: Technology of pharmaceutical products, Technology of final products in pharmaceutical industry, and Excipients in technology of final pharmaceutical products. On doctoral studies he is teaching at the subject Modern methods of extraction. At the Medical faculty in Novi Sad, Department for Pharmacy, from 2003 he was professor at the subject Pharmaceutical technology and biopharmacy, and after reformed studies, at Pharmaceutical technology of liquid and semi-liquid forms, Pharmaceutical technology of hard forms and Pharmaceutical technology of sterile products, i.e. Pharmaceutical technology I, II and III. He is the author of two books: Students handbook for technology of final pharmaceutical products, Faculty of Technology, Novi Sad 2004, and Excipients in technology of final pharmaceutical products, Faculty of Technology, Novi Sad, 2008. Professor Zoran Zekovic is a member of Serbian Chemical Society, Biochemical Society of Vojvodina, and member of Matica Srpska and Association of University Professors. He is a winner of ICN Galenika prize for best master thesis in 1994 and gratitude of SCS-CSV (Serbian Chemical Society-Chemical Society of Vojvodina) in 2007. He's researching in area of pharmaceutical technologies, especially in the area of different methods of medical/aromatic plants extraction and application of gases in supercritical state (SFE-Supercritical Fluid Extraction) for extraction, in the first place by carbon dioxide and by subcritical water. Besides that, the subject of his research interest is also chemical and biochemical transformations of pharmacologically active components toward improving their effects, as well as different instrumental methods of analysis for qualitative and quantitative determination of samples composition. He is the author and coauthor of many research papers published in international scientific journals and international and national meetings and congresses, and because of this his biography has been published in many edition Marquis Who's Who (USA) and International Biographical Centre (IBC), Cambridge, England. Several times he was nominated from IBC for International Man of the Year.

Dragana Randelović

Biography

M.Sc Dragana Randelović was born in Leskovac. In her hometown, she finished elementary and secondary school as the holder of the Vuk's diploma. She graduated in 2005 at the Faculty of Economics in Niš, and in 2010 she defended her master's degree in accounting and management

In the same year, she was elected professor of vocational studies at the Higher Business School of Vocational Studies in Leskovac. In this higher education institution he works as a teacher of a financial accounting group of subjects, and in 2015, She was appointed head of the study program Finance and Banking.

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