



L'Union Médicale Balkanique
Balkan Medical Union



Balkanska Medicinska Unija



32nd

Balkan
Medical
Week

32^{ème}

Sémaine
Médicale
Balkanique



21-23. September 2012.
University of Nis
Nis, Serbia



32nd BALKAN MEDICAL WEEK - Nis, SERBIA
32eme SEMAINE MEDICALE BALKANIQUE - Nis, SERBIA

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SATURDAY 22ND SEPTEMBER

10.30.-11.00. POSTER PRESENTATIONS – SESSION I

Chairpersons: Šmelcerović A, Simeonova R

P66 Application of thin – layer chromatographic densitometric method for the assessment of chemical stability in acid medium of 6-O-N[N-(3,4-dichlorophenyl)-D,L-alaninyl]-leucil-glycil-galanthamine and 6-O-N[N-(3,4-dichlorophenyl)-D,L-alanil]-leucil-glycil-galanthamine

Tsvetkova D, Obreshkova D

Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Medical University, Sofia, Bulgaria

P67 Design, synthesis and biological activity of cyclodipeptidesŠmelcerović A¹, Pavlović V², Stankov-Jovanović V³, Đorđević A³, Džodić P⁴, Cherneva E⁵, Daskalova L⁶, Yancheva D⁶¹ Department of Chemistry, Faculty of Medicine, University of Niš, Niš, Serbia² Institute of Physiology, Faculty of Medicine, University of Niš, Niš, Serbia³ Department of Chemistry, Faculty of Science and Mathematics, University of Niš, Niš, Serbia⁴ Department of Pharmacy, Faculty of Medicine, University of Niš, Niš, Serbia⁵ Department of Chemistry, Faculty of Pharmacy, Medical University of Sofia, Sofia, Bulgaria⁶ Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian Academy of Sciences, Sofia, Bulgaria**P68 6-(propan-2-yl)-3-methyl-morpholine-2,5-dione, a novel xanthine oxidase inhibitor**Šmelcerović Ž¹, Yancheva D², Daskalova L², Cherneva E³, Šmelcerović A⁴, Petronijević Ž⁵, Kocić G⁶¹ Center for Biomedical Science, Faculty of Medicine, University of Niš, Niš, Serbia² Institute of Organic Chemistry with Center of Phytochemistry, Bulgarian Academy of Sciences, Sofia, Bulgaria³ Department of Chemistry, Faculty of Pharmacy, Medical University of Sofia, Bulgaria⁴ Department of Chemistry, Faculty of Medicine, University of Niš, Niš, Serbia⁵ Faculty of Technology, University of Niš, Leskovac, Serbia⁶ Institute of Biochemistry, Faculty of Medicine, University of Niš, Niš, Serbia**P69 Comparative analysis of the antigenotoxicity of five selected 4-hydroxy-2H-chromen-2-one derivatives: possible mechanism of action**Matić S¹, Stanić S¹, Solujić S², Stanković N², Mladenović M², Mihailović V²¹ Department of Biology and Ecology, Faculty of Science, University of Kragujevac, Serbia² Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia**P70 Pharmaceutical care – the right way for professionalism**Petkova V¹, Andreevska K², Grekova D², Dimitrov M¹¹ Faculty of Pharmacy, Medical University, Sofia, Bulgaria² Faculty of Pharmacy, Medical University, Plovdiv, Bulgaria**P71 The application of new kinetic-spectrophotometric method for determination of metronidazole in pharmaceutical formulation**Miljković V¹, Bojanic V², Bojanic Z², Sokolovic D², Kostic D³, Rakić V⁴¹ Pharmacy of Prokuplje, Ratka Pavlovica 1, Prokuplje, Serbia² Faculty of Medicine, University of Nis, Serbia³ Faculty of Sciences and Mathematics, The University of Nis, Nis, Serbia⁴ College of Agriculture and Food Technology, Prokuplje, Serbia

P72 Community pharmacist role in providing value-added pharmacy service for blood glucose measurement in BulgariaGrigorov E¹, Kostov E², Lebanova H¹, Getov I¹¹ Faculty of Pharmacy, Medical University-Sofia, Bulgaria² Comac Medical Ltd., Sofia, Bulgaria**P73 Antimicrobial activity of hypogymnia physodes depsidones and extracts**Stojanović I¹, Dorđević A², Jovanović O², Petrović G², Šmelcerović A³¹ Department of Pharmacy, Faculty of Medicine, University of Niš, Niš, Serbia² Department of Chemistry, Faculty of Science and Mathematics, University of Niš, Niš, Serbia³ Department of Chemistry, Faculty of Medicine, University of Niš, Niš, Serbia**P74 Study on some biochemical parameters of saponarin, isolated from *Gypsophila trichotoma* Wender, evaluated with *in vitro/in vivo* hepatotoxicity models**Simeonova R¹, Vitcheva V¹, Kondeva-Burdina M¹, Krasteva I², Nikolov S², Mitcheva M¹¹ Laboratory of Drug metabolism and Drug toxicity, Department of Pharmacology, Pharmacotherapy and Toxicology, Faculty of Pharmacy, Medical University, Sofia, Bulgaria² Department of Pharmacognosy, Faculty of Pharmacy, Medical University, Sofia, Bulgaria**P75 Anti-ageing effect of some phytochemicals from *Trigonella foenumgraecum***Dumitriu B¹, Olariu L¹, Nita R¹, Rosoiu N²¹ S.C. Biotehos S.A., Research Department, Otopeni, Romania² "Ovidius" University, Faculty of Medicine, Department of Biochemistry, Constanta, Romania**P76 Hepatoprotective activity of methanolic extract of root of *Gentiana asclepiadea* L. in carbon tetrachloride induced hepatic damage in rats**Mihailović V¹, Katanić J¹, Mihailović M², Šipovac K¹, Stanković V³, Solujić S¹, Mladenović M¹, Stanković N¹, Matić S⁴¹ Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia² Institute for Biological Research "Siniša Stanković", University of Belgrade, Serbia³ Institute of Pathology, Faculty of Medicine, University of Kragujevac, Serbia⁴ Department of Biology and Ecology, Faculty of Science, University of Kragujevac, Serbia**P77 Chemical composition and antimicrobial activity of *Juglans regia* L. (Juglandaceae) flower volatiles**Lazarević J¹, Stojanović I², Dorđević A³, Zlatković B⁴, Stojanović S², Šmelcerović A¹, Stojanović G³¹ Department of Chemistry, Faculty of Medicine, University of Niš, Serbia² Department of Pharmacy, Faculty of Medicine, University of Niš, Serbia³ Department of Chemistry, Faculty of Science and Mathematics, University of Niš, Serbia⁴ Department of Biology and Ecology, Faculty of Science and Mathematics, University of Niš, Serbia**P78 *Castanea sativa* mill. leaf extract as a potential source of antioxidant and antimicrobial agents**Živković J¹, Veselinović AM¹, Nikolić GM¹, Mujić I²¹ Department of Chemistry, Medical Faculty, the University of Niš, Niš, Serbia² Collegium Fluminense Polytechnic of Rijeka, Rijeka, Croatia**P79 Spasmolytic activity of the methanol extract of dill (*Anethum graveolens* L.) on the isolated rat ileum contractions**Goemanac Ignjatovic M¹, Ilic S¹, Brankovic S¹, Kitic D², Radenkovic M¹, Nestic M¹, Miladinovic B², Pavlovic D², Kostic M²¹ Department of Physiology, Faculty of Medicine, University of Nis, Serbia² Department of Pharmacy, Faculty of Medicine, University of Nis, Serbia

P80 Swelling properties of *Lactobacillus casei* loaded whey protein-Ca-alginate microparticles
Smilkov K¹, Petreska Ivanovska T², Petrusevska Tozi L², Hadzieva J², Petkovska R², Mladenovska K²
¹ Faculty of Medical Sciences, University "Goce Delčev", Štip, Macedonia
² Faculty of Pharmacy, University "Ss. Cyril and Methodius", Skopje, Macedonia

P81 Antioxidant activity of two species of the *Scrophularia* genus
Šipovac K¹, Mihailović V¹, Solujić S¹, Vrvic M², Mladenović M¹
¹ Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia
² Department of Chemistry, Faculty of Science, University of Belgrade, Serbia

P82 Herbal pharmacovigilance and safety profile of products containing St. John's Wort
Ditova M, Lebanova H, Getov I
Faculty of Pharmacy, Medical University, Sofia, Bulgaria

P83 Subchronic toxicity study of aqueous infusion from *Cotinus coggygia* leaves in Wistar rats
Pavlov D¹, Nashar M¹, Eftimov M², Kalchev K³, Valcheva-Kuzmanova S², Tzaneva M³, Ivanova D¹
¹ Department of Biochemistry, Molecular Medicine and Nutrigenomics, Medical University, Varna, Bulgaria
² Department of Preclinical and Clinical Pharmacology and Toxicology, Medical University, Varna, Bulgaria
³ Department of General and Clinical Pathology, Medical University, Varna, Bulgaria

P84 Antigenotoxic and antioxidant properties of the methanol extract obtained from the underground parts of *Gentiana cruciata*
Matić S¹, Stanić S¹, Solujić S², Stanković N², Mladenović M², Katanić J², Mihailović V²
¹ Department of Biology and Ecology, Faculty of Science, University of Kragujevac, Serbia
² Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia

P85 Hepatoprotective activity of methanolic extract of root of *Gentiana asclepiadea* L. in carbon tetrachloride induced hepatic damage in rats
Mihailović V¹, Katanić J¹, Mihailović M², Šipovac K¹, Stanković V³, Solujić S¹, Mladenović M¹, Stanković N¹, Matić S⁴
¹ Department of Chemistry, Faculty of Science, University of Kragujevac, Serbia
² Institute for Biological Research "Siniša Stanković", University of Belgrade, Serbia
³ Institute of Pathology, Faculty of Medicine, University of Kragujevac, Serbia
⁴ Department of Biology and Ecology, Faculty of Science, University of Kragujevac, Serbia

P86 A comparison study of the effects of total extract of *Haberlea rhodopensis* (Friv.) with Fucoidan, Propolin and Silicea 5CH on the white blood cells levels in mice
Apostolova E, Peychev L
Department of Pharmacology and Drug Toxicology, Medical University, Plovdiv, Bulgaria

P87 Comparative assessment of the cytotoxic effects of hyperatomarin, isolated from *Hypericum annulatum* Moris. and daunorubicin against human tumor cell lines
Bilali S, Zhelyazkova A, Momekov G¹, Karaivanova M
¹ Faculty of Pharmacy, Medical University, Plovdiv, Bulgaria
² Medical University, Sofia, Bulgaria

P88 Transitory thrombocytopenia and leukopenia caused by the use of nonsteroidal anti-inflammatory drugs – case reports
Tadić Lj, Randelović-Krstić V
Department for Internal Diseases, Military Hospital Niš, Serbia