

SATURDAY 22ND SEPTEMBER**10.00.-11.00 POSTER PRESENTATIONS – SESSION I****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

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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 Biomedicinal 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**Miljkovic V¹, Bojanic V², Bojanic Z², Sokolovic D², Kostic D³, Rakic 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 Bulgaria

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P73 Antimicrobial activity of hypogymnia physodes depsidones and extracts

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P74 Study on some biochemical parameters of saponarin, isolated from *Gypsophila trichotoma Wender*, evaluated with *in vitro/in vivo* hepatotoxicity models

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P75 Anti-ageing effect of some phytochemicals from *Trigonella foenumgraecum*

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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 S⁴

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P77 Chemical composition and antimicrobial activity of *Juglans regia* L. (Juglandaceae) flower volatiles

Lazarević J¹, Stojanović I², Đorđević A³, Zlatković B⁴, Stojanović S², Šmelcerović A¹, Stojanović G³

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P78 *Castanea sativa* mill. leaf extract as a potential source of antioxidant and antimicrobial agents

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P79 Spasmolytic activity of the methanol extract of dill (*Anethum graveolens* L.) on the isolated rat ileum contractions

Gocmanac Ignjatovic M¹, Ilic S¹, Brankovic S¹, Kitic D², Radenkovic M¹, Nesic M¹, Miladinovic B², Pavlovic D², Kostic M²

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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

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P81 Antioxidant activity of two species of the *Scrophularia* genus

Šipovac K¹, Mihailović V¹, Solujić S¹, Vrvic M², Mladenović M¹

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P82 Herbal pharmacovigilance and safety profile of products containing St. John’s Wort

Ditova M, Lebanova H, Getov I

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P83 Subchronic toxicity study of aqueous infusion from *Cotinus coggygria* leaves in Wistar rats

Pavlov D¹, Nashar M¹, Eftimov M², Kalchev K³, Valcheva-Kuzmanova S², Tzaneva M³, Ivanova D¹

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P84 Antigenotoxic and antioxidant properties of the methanol extract obtained from the underground parts of *Gentiana cruciata*

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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

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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

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P87 Comparative assessment of the cytotoxic effects of hyperatomarin, isolated from *Hypericum annulatum* Moris. and daunorubicin against human tumor cell lines

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P88 Transitory thrombocytopenia and leukopenia caused by the use of nonsteroidal anti-inflammatory drugs – case reports

Tadić Lj, Randelović-Krstić V

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P89 Influence of the dose and the duration of testosterone replacement treatment on the hematological indexes of adult male rats

Delev DP, Kostadinov I, Kostadinova I

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P90 Pharmacological aspects of electrically-induced descending motor responses of anal canal in a rat model

Stavreva G¹, Radomirov R^{1,2}, Marinov K³

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P91 Expression pattern of brain-derived neurotrophic factor and neurotrophin-3 in rat brain by developmental model of schizophrenia

Koeva Y¹, Grozlekova L¹, Shishmanova M²

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P92 Expression of serotonin and serotonin receptor 3 (5HTR3) in the developing gastrointestinal tract of rats

Penkova N, Nikolov P, Penkov R, Hrishev P, Atanassova P

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P93 The importance of holotranscobalamin in examination of vitamin B12

Hukić F¹, Nuhbegović S², Ljuca F², Brkić S²

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P94 Effects of atorvastatin and rosuvastatin on active avoidance test in rats with diazepam-induced amnesia

Georgieva-Kotetarova M, Kostadinova I

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P95 Determination of radical scavenging activity of metamizole sodium in DPPH test

Radić M, Sunarić S, Denić M

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P96 Physical working capacity of rats after the treatment with citicoline

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P97 Effects of fluoxetine and desipramine on body temperature in rats

Nikolov R, Yakimova K

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P98 Direct patients' ADR reports – advantages and disadvantages overview

Lebanova H, Getov I

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P99 Specific asthma (aspirin intolerant asthma) in clinical hospital Stip

Panova G, Panova B, Velickova N, Panov N

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P100 In vitro cytotoxicity of mesoporous silica nanoparticles loaded with budesonide

Tzankova V¹, Dyulgerova Y¹, Valoti M³, Tzankov B¹, Ioncheva K¹, Popova M², Szegedi A⁴, Pessina F³, Lambov N¹

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P101 Representation and treatment of haemophilia in the general population in Macedonia

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P102 Introducing Hazard Analysis & Critical Control Point (HACCP) in food production and ways to control compliance in FYR Macedonia

Gjorgjeska B, Petkovska S

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P103 Determination of antioxidant activity of honeybee products (honey and royal jelly) from Bulgarian origin, by new test

Dimitrov M, Venkov P, Pesheva M

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P104 University food service – good place to promote healthy nutrition model for young adults

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P105 Bulgarian traditional foods – sources of antioxidants

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P106 Organochlorine residues (DDTs and PCBs) in fish from Danube river

Stancheva M, Georgieva S, Makedonski L

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P107 Fat soluble vitamins content and fatty acids composition of Danube river's common carp and catfish

Stancheva M, Merdzhanova A, Dobreva DA

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P108 Differences in nutrition and fast food attitudes of adolescents in relation to gender

Pavlović M, Stojanović D

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P109 Assessment of thiamine content in rice milk from the Serbian market

Lalić J, Denić M, Sunarić S, Kocić G

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P110 Evaluation of thiamine content in chocolate milk

Lalić J, Denić M, Sunarić S, Kocić G, Trutić N

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P111 Importance of radon concentration measurement in living and occupational environment due its negative influence on people health

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P112 Synthesis and photodegradation activity of pure and Fe-modified TiO₂

Stoyanova A¹, Ivanova N¹, Hitkova H¹, Sredkova M¹, Bachvarova-Nedelcheva A², Iordanova R²

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P113 Morbidity with temporary incapacity among employees engaged in engineering companies

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P114 Momentary morbidity among employees engaged in engineering companies

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P115 Evaluation of self-sampling in a small-scale study as an alternative option in molecular-genetic human papillomavirus detection and cervical cancer screening

Radić K¹, Ramić J¹, Ler D^{1,2}, Lojo-Kadrić N¹, Bajrovic K¹, Kapur-Pojksic L¹

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P116 Coping structure of patients with chronic illnesses

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P117 Role of general practitioners in taking control of some chronic disease

Zlatanova T, Zlatanova-Velikova R, Popov N, Dimitrova D
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P118 Weather conditions and heart diseases in Novi Sad

Dragić N¹, Bijelović S^{1,2}, Živadinović E¹, Velicki R^{1,2}, Popović M^{1,2}, Jevtić M^{1,2}, Bjelanović J^{1,2}

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P119 Attitude of parents smokers

Kavaric N, Basovic E
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P120 College students smoking habits

Čičević S¹, Nešić M²

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P121 Use of psychoactive substances among Belgrade University students

Stojanović Tasić M¹, Pekmezović T², Grgurević A², Trajković G³, Nenadović M¹, Cvetković J¹, Milošević N¹

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P122 Impact of the automobile transport pollution on the life-quality in the town of Smolyan

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P123 Influence of air-pollution on respiratory symptoms in children

Živković Z^{1,2}, Cerovic S², Jocić-Stojanović J², Ivančević V³, Djurić-Filipović I¹, Jevtić K², Malić Lj²

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P124 Soins de santé et sécurité pour les patients

Aleksandrova M, Tzacheva N, Pavlova J, Pisev V
Université de Médecine de Sofia, Bulgarie

P125 Factors influencing self-assessed health of high school and University students in Pleven, Bulgaria

Joana Simeonova, Angelika Velkova
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P126 Ethiopian public health association and the HIV protection model

Yanakieva A, Palaveev K, Alexandrova M, Barchovska I
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P127 Amyotrophic lateral sclerosis in Balkan region

Kostic Dedic S¹, Stevic Z², Dedic V³

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P128 Particularities of the polymyositis and dermatomyositis in Republic of Moldova

Vetrila S, Mazur M, Grib L, Mazur-Nicorici L

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P129 Assessing the patient satisfaction with osteoarthritis

Salaru V, Mazur-Nicorici L, Ciobanu E, Mazur M, Vetrila S, Opopol N

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P130 Environment factors in forming unhealthy social behavior patterns

Bašić M, Cvetković J

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Faculty of Medicine, Kosovska Mitrovica, Serbia

P131 The health information as a social regulator

Vinarova J, Mihova P

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P132 The attitude of the elderly towards their health, in relation to their sex

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17.00.-18.00 POSTER PRESENTATIONS-SESSION II

P133 Body-mass index in patients with chronic obstructive pulmonary disease

Mekov E, Nikolova P

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P134 Melatonin protects against burn-induced oxidative injury in remote organs

Bekyarova G, Hristova M

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P135 Evaluation of leptin level and clinical response at the patients with knee osteoarthritis treated with mud

Ionescu EV¹, Suta M², Lilius G², Petcu L², Surdu O¹

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P136 Otogenic meningoencephalitis due to *Streptococcus pneumoniae* - case report

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P137 Leptospirosis in elder patients

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P138 Assessment of age as prognostic criterion in leptospirosis

Gancheva G, Doichinova Tz

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P139 Brucellosis in minor patients in the district of Larisa

Giatsiou S¹, Soubali A¹, Tsoucalas G², Piftakis D², Mainta I², Gianioti-Papassaba G¹

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P140 The parasitic affection of the eye – subtenonial localisation

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P141 Evaluation of the protein and mineral metabolism in chronic liver disease of alcoholic and viral etiology

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P142 Biochemical profile in viral infection with hepatic virus C

Ghiduş D¹, Mihailov C², Georgeta Verman I¹, Nicoleta Mihaela I³, Laurenţiu Hangan T⁴, Roşoiu N⁵

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P143 Chronic laryngitis as a result of gastroesophageal reflux disease

Trajkovic R, Inic Kostic B, Todorovic D, Djokic N, Trajkovic B

Health Center Gracanica, Gracanica, Serbia

P144 The seroepidemiology of anti-EBV (VCA) IgG antibodies in Bulgarian population

Genova-Kalou P¹, Ivanova J², Toshev A², Georgieva G³

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P145 Total antioxidant status and other biochemical parameters in cirrhotic patients

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P146 Hypertension arterielle chez les femmes

Ciobanu G

Clinique de médecine d'urgence, Université d'Etat de Médecine et de Pharmacie «Nicolae Testemițanu», République de Moldova

P147 L'embolie pulmonaire dans la clinique de maladies cardio-vasculaires

– étude anatomo-clinique pour une période de 12 ANS 1999-2011

Parascan Lj, Candea V, Laky D

Institut d'Urgences Cardio-Vasculaires "Prof Dr C. C. Iliescu ", Bucarest, Roumanie

P148 Ultrasound assessment of cardiovascular disease to the patients with metabolic syndrome

Bălăceanu A, Diaconu C, Costache C, Angelescu G, Bălan H

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P149 Diagnostic value of NT-proBNP in heart failure with preserved ejection fraction

Petrova D¹, Marchev S¹, Tzekova M²

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P150 The influence of simvastatin on calcium, magnesium and phosphorus content in tibia of rats neonatally treated with monosodium glutamate

Ćirić M¹, Najman S², Bojanić V³, Kaličanin B⁴, Puškaš N⁵, Velimirović D⁴, Cekić S¹, Nešić M¹, Bojanic Z⁶, Cvetković T⁷, Sokolović D⁷, Petrović S⁸

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P151 Mineralization effect of simvastatin on tibia in neonatal treated rats with monosodium glutamate

Ćirić M¹, Najman S², Bojanić V³, Kaličanin B⁴, Puškaš N⁵, Velimirović D⁴, Cekić S¹, Nešić M¹, Bojanic Z⁶, Cvetković T⁷, Sokolović D⁷, Petrović S⁸

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P152 Effects of selenium supplementation on elastin turnover and aortic wall of young spontaneously hypertensive rats

Ruseva B¹, Atanasova M², Shumkov N³, Alexandrova M⁴, Laleva P⁵, Dimitrova A¹, Ribarova F⁶

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P153 Changes in the time run to exhaustion in rats fed with rich of fat and carbohydrate diet

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P154 Leptin, nerve growth factor, tumor necrosis factor-alpha and adiponectin expression in metabolic syndrome

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P155 Adiponectin a key adipokine in the process atherosclerosis

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P156 The role of S-adenosylmethionin and allopurinol as protectors of fructose-induced metabolic abnormalities

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P157 Therapeutic effects of atorvastatin (Torvacard®) in patients with dyslipidemia and cerebrovascular disease

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P158 Evaluation of the lipid status in patients with dyslipidemia under lipid-modifying treatment

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P159 Characteristics of stroke in patients with metabolic syndrome

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P160 The lipid profile and the hepatic disturbances in patients with schizophrenia

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P161 Modern physiologic and pathogenetic problems in metabolic syndrome

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P162 Metabolic syndrome and low back pain

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P163 New approaches in early diabetes melitus type 2 diagnosis

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P164 The effect of different therapeutic models on glycemic regulation in type 2 diabetes mellitus

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P165 Pharmaceutical care impact on patients with diabetes

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P166 Echocardiographic data in patients with type 2 diabetes mellitus and essential hypertension

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P167 Gastroparesis and diabetes mellitus – endoscopic and clinical study

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P168 Correlation between liver enzymes and palmitic acid with good and poor control of patients diagnosed with type 2 diabetes mellitus

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P169 Comparative biochemical and behavioral indices in rat models of metabolic syndrome and type 2 diabetes

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P170 Risk factors for retinopathy prematurity

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P171 Positive psychology: implications for mental and physical health

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P172 Anxiety and insomnia among the Serbian population on the barricades in Kosovo and Metohija

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P173 Role of sociodemographic characteristics as risk factors for depression in patients with epilepsy

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P174 Variation of certain electrolytes serum level in patients with depressive affective disorder

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P175 Determination of some parameters of oxidative stress and some serum electrolytes in patients with affective depressive disorder

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P176 The evaluation of serum electrolytes (Na, K, Ca, ionic Ca, Mg, Fe, PO4³⁻) in patients with schizophrenia

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P177 Influence of third generation antipsychotic aripiprazole on cognition - review

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P178 Is there an association between nerve conduction velocity and cognition in diabetics?

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P179 Psychological disorder of adults with epilepsy- a case report

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P180 Anomalies associated with some maternal determinants in fetuses with neural tube defects

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P181 The suppression of glial cells activity in the CNS ameliorates neurological expression in the experimental model of human multiple sclerosis

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P182 Deep breathing test: effects on heart rate variability and cerebral vascular reactivity

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P183 Cardiovascular autonomic dysfunctions in parkinson`s disease: influence of type, duration, severity, cognitive state and levodopa treatment

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P184 Epidural steroid injections and blood pressure

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P185 Executive dysfunction after first ever ischemic stroke and its risk factors

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P186 Limb shaking transient ischemic attacks, associated with extra- and intracranial occlusive disease and migraine – report of two cases

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P187 The recovery detection of daily and labor activities in the everyday life in patients who suffered from brain vascular disease

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P188 A “hidden” cause of low back pain – Tarlov cysts in routine neurological practice

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