

Thursday 13.10.2016 – Official opening of the Congress – Conference room “Sandanski”

17:00 – 17:15 G. Momekov. Opening Speech.

17:15 – 17:40 Welcome addresses

17:40 – 18:15 Platinum sponsor Symposium

18:15 – 18:55 N. Danchev, A. Stoimenova. Health technology assessment from the BDA and NCPRMP perspective.

18:55 – 19:20 Golden sponsor Presentation

20:00 – 22:00 Welcome Reception

Friday 14.10.2016

Conference room “Sandanski”

09:00 – 11:00 Scientific session “Social Pharmacy & Pharmaceutical regulation” (I)

Moderators: Valentina Petkova, Manoela Manova

09:00 – 09:30 **Plenary lecture:** A. Cavaco. Social Pharmacy education & research: how can it support pharmacy practice? A European perspective.

09:30 – 09:45 P. Vorobiev, A. Pimenova, L. Krasnova, A. Samoylov. Health innovative technology assessment in the Federal Medical Biological Agency of Russia.

09:45 – 10:00 I. Kovacevska, B. Angelovska, V. Toneva, A. Toneva, Z. Georgiev, I. Kovacevski. Assessment in antibiotics self-medication in dental patients.

10:00 – 10:15 G. Petrova. Generic prescribing or generic dispensing – the shift of the paradigm.

10:15 – 10:30 I. Getov. Pharmacists’ contribution to improve public health – study of good practices within EU.

10:30 – 10:45 A. Stoimenova, A. Savova, S. Penkov, S. Georgiev. Review of cost containment measures for pharmaceuticals in EU.

10:45 – 10:55 M. Dimitrova, G. Petrova, M. Manova, A. Savova. Modelling costs and results in chronic hepatitis C therapy.

10:55 – 11:00 Discussion

11:00 – 11:30 Coffee break

11:30 – 13:00 Scientific session “Social Pharmacy & Pharmaceutical regulation” (II)

Moderators: Guenka Petrova, Alexandra Savova

Conference room “Blue Hall”

09:00 – 11:00 Scientific session “Drug design. Biotechnological Drugs & Biosimilars.”

Moderators: Irini Doytchinova, Maya Georgieva

09:00 – 09:30 **Plenary lecture:** I. Ivanov, G. Nacheva, M. Tileva, E. Krachmarova. Human interferon-gamma: a natural model for drug design of new pharmaceuticals for autoimmune diseases.

09:30 – 10:00 **Plenary lecture:** A. Pesaresi, D. Lamba. Polypharmacology- based strategies in Alzheimer’s disease: the Yin and the Yang of acetylcholinesterase inhibition.

10:00 – 10:20 I. Doytchinova, G. Stavrov, I. Philipova, M. Atanasova, D. Zheleva. Galantamine derivatives as dual-site binding acetylcholinesterase inhibitors.

10:20 – 10:35 Z. Zhivkova, I. Doytchinova. Quantitative structure-pharmacokinetics relationships for acidic and basic drugs.

10:35 – 10:50 I. Dimitrov, V. Yordanov, I. Doytchinova. EpiTOP 3 – a proteochemometric tool for MHC binding prediction.

10:50 – 11:00 Discussion

11:00 – 11:30 Coffee break

11:30 – 13:00 Scientific session “Medicinal chemistry and Drug analysis”

<p>11:30 – 11:45 <u>M. Popova</u>, H. Lebanova, A. Stoimenova, I. Getov. 5 years new PV legislation in EU – snapshot of direct patients reporting in some member states.</p> <p>11:45 – 12:00 V. Petkova, K. Andreevska, D. Grekova, <u>M. Dimitrova</u>, G. Petrova. Pharmacotherapy costs of Chronic obstructive pulmonary disease in Bulgaria for the period 2014-2015.</p> <p>12:00 – 12:15 <u>S. Stoev</u>, H. Lebanova, V. Atanasov, I. Getov. Medication errors in real clinical practice - an example with case studies of women undergoing assisted reproduction therapy.</p> <p>12:15 – 12:25 <u>V. Vodenicharov</u>, K. Mitov. Demographic trends and levels of stress among employees in the gambling business.</p> <p>12:25 – 12:35 H. Burgazliev. Analysis of some trends in the development of pharmaceutical services in the period 1989 - 2015 in Bulgaria and the new challenges facing the sector.</p> <p>12:35 – 12:50 Presentation STING PHARMA</p> <p>12:50 – 13:00 Discussion</p>	<p>Moderators: <i>Danka Obreshkova, Boyka Tsvetkova</i></p> <p>11:30 – 11:45 L. Andonova, M. Georgieva, <u>Al. Zlatkov</u>. Synthesis, structure evaluation and spectral behavior of some N4-substituted aralkylpiperazines with xanthine moiety at N1.</p> <p>11:45 – 12:00 <u>M. Georgieva</u>, M. Kaimakanova, W. Hayan, Al. Zlatkov. Prediction of pharmacological effects of newly synthesized 8-ethylamino caffeine derivatives, containing a substituted arylpiperazine fragment on 8th position.</p> <p>12:00 – 12:15 <u>V. Maslarska</u>, L. Peykova. Analytical methods for determination of sildenafil citrate in different matrices.</p> <p>12:15 – 12:30 <u>I. Pencheva</u>, A. Stoimenova, D. Ilieva-Tonova, V. Maslarska. UV spectral fingerprint tests for analysis of antihypertensive drug combinations containing amlodipine.</p> <p>12:30 – 12:40 <u>L. Peikova</u>, B. Nikolova-Mladenova, M. Georgieva. Modification and validation of RP-HPLC method for stability determination of new benzoylhydrazone at close to physiological conditions.</p> <p>12:40 – 12:50 T. Dimova. Structural analysis of lyophilized and non-lyophilized sol-gel glasses in the system SiO₂-CaO-P₂O₅-Ag₂O.</p> <p>12:50 – 13:00 Discussion</p>
<p>13:00 – 14:30 Lunch break</p>	<p>13:00 – 14:30 Lunch break</p>
<p>Expert panel roundtable: “Clinical pharmacy & Therapeutics” (I)</p> <p>Moderators: <i>Georgi Momekov, Borislav Georgiev</i></p> <p>14:30 – 15:00 Plenary lecture: B. Georgiev. Treatment of lipid disorders – conventional, new and modern therapy.</p> <p>15:00 – 15:30 Plenary lecture: Tsv. Tankova. Diabetes mellitus as a socially significant disease.</p> <p>15:30 – 15:45 Presentation NOVO NORDISK PHARMA</p> <p>15:45 – 16:00 Discussion</p> <p>16:00 – 16:30 Coffee break</p> <p>16:30 – 16:50 Plenary lecture: B. Georgiev. Fixed dose combination therapy of cardiovascular diseases for primary and secondary prevention. The “<i>polypill</i>” concepts.</p> <p>16:50 – 17:05 Presentation PFIZER</p> <p>17:05 – 17:15 Discussion</p>	<p>14:30 – 16:30 Scientific session “Medicinal plants, Phytochemistry & Phytotherapy”</p> <p>Moderators: <i>Ilina Krasteva, Niko Benbassat</i></p> <p>14:30 – 15:00 Plenary lecture: F. Bucar. Antibiotic resistance modulation by plant derived compounds.</p> <p>15:00 – 15:15 <u>R. Gevrenova</u>, K. Bardarov, V. Bardarov, M. Henry. Advances in structure elucidation of gotcab saponins from <i>Gypsophila</i> species by high resolution mass spectrometry data.</p> <p>15:15 – 15:30 <u>Y. Voynikov</u>, D. Jeleva, N. Almoulah, R. Gevrenova. HR-ESI-MS profiling of hydroxycinnamic acid amides (HCAAs) in <i>Solanum schimperianum</i>, Hochst.</p> <p>15:30 – 15:45 <u>V. Balabanova</u>, A. Vitkova, I. Doytchinova. Bulgaria as a promising source of plant substance <i>Arnicae</i> flos.</p> <p>15:45 – 16:00 <u>D. Zheleva-Dimitrova</u>, S. Ruseva, V. Lozanov, R. Gevrenova. Analytical profiling of bioactive phenolic acids in <i>Geigeria alata</i> (DC) Oliv. & Hiern. by LC/MS and HPLC-UV.</p> <p>16:00 – 16:15 <u>A. Shkondrov</u>, M. Kondeva-Burdina, R. Simeonova, V. Vitcheva, I. Krasteva. Phytochemical investigation of <i>Astragalus</i> species occurring in Bulgaria.</p>

	<p>16:15 – 16:30 Discussion</p> <p>16:30 – 17:00 Coffee break</p> <p>17:00 – 17:15 <u>D. Penkov</u>, S. Dimitrova, V. Andonova, E. Milieva, M. Murdjeva, M. Draganov, M. Kassarova. Biological activity of total birch leaf extract (<i>Betula pendula</i>, Roth).</p> <p>17:15 – 17:45 Discussion</p>
17:45 – 18:45 Discussion Poster Session I.	
Saturday 15.10.2016	
Conference room “Sandanski”	Conference room “Blue Hall”
<p>09:00 – 11:00 Scientific session “Pharmacology, Toxicology & Drug safety. Nanotoxicology.” (I)</p> <p><i>Moderators: Spiro Konstantinov, Vessela Vitcheva</i></p> <p>09:00 – 09:30 Plenary lecture: M. Valoti. Guidelines of Italian nanotoxicology society: considerations for <i>in vitro</i> studies.</p> <p>09:30 – 10:00 Plenary lecture: P. Perenovska. Pertussis: current immunization practices.</p> <p>10:00 – 10:15 <u>V. Tzankova</u>, Y. Yordanov, D. Aluani, M. Kondeva-Burdina, K. Yoncheva. Nanotoxicology and safety assessment of nanoscale drug delivery systems.</p> <p>10:15 – 10:30 <u>S. Konstantinov</u>, G. Momekov, M. Zaharieva, M Berger. Oncopharmacological studies with clinical relevance for the hematological and oncological practice.</p> <p>10:30 – 10:40 <u>P. Gateva</u>, V. Angelova, N. Vasilev, S. Surcheva, J. Voynikov, J. Tchekalarova. Newly synthesized coumarin and 2h-chromene derivatives of hydrazide hydrazones with promising anticonvulsant activity and lacking minimal toxicity.</p> <p>10:40 – 10:50 <u>A. Kasabova</u>, M. Kondeva-Burdina, J. Mitkov, M. Georgieva, V. Tzankova, A. Zlatkov. Comparative study of newly synthesized derivatives of caffeine-8-thioglycolic acid on isolated rat hepatocytes.</p> <p>10:50 – 11:00 Discussion</p>	<p>09:00 – 11:00 Scientific session “Drug delivery systems. Nanopharmaceutics - I”</p> <p><i>Moderators: Milen Dimitrov, Denitsa Momekova</i></p> <p>09:00 – 09:30 Plenary lecture: G. Storm. Theranostics in Targeted Nanomedicine Development.</p> <p>09:30 – 09:40 <u>D. Momekova</u>, D. Babikova, R. Kalinova, I. Zhelezova, G. Momekov, S. Konstantinov, I. Dimitrov. Design of polymeric nanocarriers for targeted intracellular delivery of curcumin.</p> <p>09:40 – 09:55 A. Aleksiev, B. Kostova, <u>D. Rachev</u>. Obtaining of coated pellet galantamine hydrobromide delivery systems - design of experiment.</p> <p>09:55 – 10:10 <u>K. Yoncheva</u>, B. Tzankov, Y. Yordanov, V. Tzankova, N. Lambov. Biopharmaceutical and toxicological aspects of mesoporous silica nanosized drug delivery systems.</p> <p>10:10 – 10:25 <u>E. Drakalska</u>, D. Momekova, D. Bodurova, S. Rangelov, N. Lambov. Preparation and characterization of curcumin loaded hybrid pH-sensitive liposomes.</p> <p>10:25 – 10:35 B. Kostova, E. Kamenska, <u>D. Georgieva</u>, K. Balashev, D. Rachev, G. Georgiev. Synthesis and characterization of polyzwitterionic copolymer microgel drug delivery systems.</p> <p>10:35 – 10:45 <u>P. Bakardzhiev</u>, D. Momekova, K. Edwards, S. Konstantinov, S. Rangelov. Polyglycidol is a promising candidate for steric stabilization of liposomes.</p> <p>10:45 – 11:00 Discussion</p>
11:00 – 11:30 Coffee break	11:00 – 11:30 Coffee break

<p>11:30 – 13:00 Scientific session “Pharmacology, Toxicology & Drug safety. Nanotoxicology.” (II)</p> <p><i>Moderators: Magdalena Kondeva-Burdina, Rumyana Simeonova</i></p> <p>11:30 – 11:45 <u>M. Kondeva-Burdina</u>, S. Valcheva-Kuzmanova, Ts. Markova, M. Mitcheva, M. Belcheva. Study on the effects of total extract from <i>Aronia melanocarpa</i> on isolated rat hepatocytes.</p> <p>11:45 – 12:00 <u>M. Kondeva-Burdina</u>, V. Tzankova, A. Kasabova, Z. Kokanova-Nedialkova, M. Georgieva, J. Mitkov, P. Nedialkov, I. Krasteva, A. Zlatkov. Evaluation of the neuroprotective effects of biologically active substances from natural and synthetic origin.</p> <p>12:00 – 12:10 <u>D. Aluani</u>, V. Batchev, V. Tzankova, M. Kondeva-Burdina, K. Yoncheva. Protective effects of quercetin nanoformulation in a microsomal model of lipid peroxidation.</p> <p>12:10 – 12:20 <u>Y. Yordanov</u>, V. Tzankova, M. Valoti, M. Frosini, B. Kostova, M. Kyulavska, L. Todorova, D. Christova. <i>In vitro</i> toxicity evaluation of block copolymers containing cationic blocks in HEPG2 cells.</p> <p>12:20 - 12:30 <u>N. Agova</u>, S. Georgieva, Y. Koleva, M. Todorova. Probable hepatotoxic action of bexarotene.</p> <p>12:30 – 12:40 <u>N. Agova</u>, S. Georgieva, Y. Koleva, M. Todorova. Effect of metabolic activation of several bexarotene analogues.</p> <p>12:40 – 13:00 Discussion</p>	<p>11:30 – 13:00 Scientific session “Drug delivery systems. Nanopharmaceutics - II”</p> <p><i>Moderators: Dimitar Rachev, Krassimira Yoncheva</i></p> <p>11:30 – 12:00 Plenary lecture: <u>P. Petrov</u>, K. Yoncheva, D. Momekova, G. Grancharov, V. Gancheva, M. Kyulavska, G. Momekov, S. Konstantinov, B. Trzebicka. Functional multilayer polymeric nanocarriers of anticancer agents.</p> <p>12:00 – 12:10 <u>M. Slavkova</u>, G. Petrovick, M. Dimitrov, J. Breitreutz. Design and optimization of solid lipid pharmaceutical pellets for taste masking and immediate release of phenobarbital.</p> <p>12:10 – 12:20 <u>Y. Yildirim</u>, M. Simeonov, H. Tsachev, E. Vasileva. Poly (methacrylic acid)/ polydimethylacrylamid hydrogel interpenetrating polymer networks – synthesize, properties and use as release drug delivery systems.</p> <p>12:20 - 12:30 <u>N. Ivanova</u>, St. Titeva, C. DiFranco, A. Trapani. Investigation of technological factors in the process of preparation of diltiazem loaded EUDRAGIT RS 100 “MICROSPONGES”.</p> <p>12:30 – 12:40 <u>Z. Vinarov</u>, D. Radeva, S. Tcholakova, N. Denkov. Micellar solubilization of hydrophobic drugs.</p> <p>12:40 – 12:50 <u>G. Bocheva</u>, M. Valcheva-Traykova. Application of nanomaterials in cosmetics.</p> <p>12:50 – 13:00 Discussion</p>
<p>13:00 – 14:30 Lunch break</p>	<p>13:00 – 14:30 Lunch break</p>
<p>Expert panel roundtable: “Clinical pharmacy & Therapeutics” (II)</p> <p><i>Moderators: Georgi Momekov, Rumyana Simeonova</i></p> <p>14:30 – 15:00 Plenary lecture: B. Georgiev. Antihypertensive therapy – principals of drug therapy. Are all drugs in a class are equivalent in comorbidities?</p> <p>15:00 – 15:30 Plenary lecture: <u>D. Petrova</u>, V. Pencheva, O. Georgiev, B. Stancheva, Y. Dimitrov. Recommendations for the treatment of stable COPD and reality in Bulgarian patients.</p> <p>15:30 – 16:00 Coffee break</p> <p>16:00 – 16:20 Plenary lecture: M. Stoyanov. Choice of therapy in patients with Heart Failure.</p> <p>16:20 – 16:40 Plenary lecture: M. Stoyanov. Antiarrhythmic drugs – classification and clinical application. Antiarrhythmic therapy in Bulgaria.</p> <p>16:40 – 16:55 <u>L. Marinov</u>, I. Nikolova, N. Danchev. Rheumatoid arthritis – new therapeutic</p>	

<p>approaches.</p> <p>16:55 – 17:10 Presentation BOEHRINGER-INGELHEIM</p> <p>17:10 – 18:10 Discussion Poster Session II.</p> <p>20:00 Gala Dinner</p>	
Sunday 16.10.2016	
<p>09:30 – 10:00 Official closing session of the Congress</p>	
<p>POSTER SESSION</p> <p>Committee: Georgi Momekov, Guenka Petrova, Alexander Zlatkov, Paraskev Nedialkov, Dimitar Rachev, Irini Doytchinova</p>	
Poster session I – 14.10.2016	Poster session II – 15.10.2016
<ol style="list-style-type: none"> 1. <u>M. Zeković</u>, D. Krajnović, V. Marinković, T. Stojković, Lj. Tasić. Adherence in community Pharmacies: Pharmacists' beliefs, attitudes and professional practice. 2. <u>T. Stojković</u>, V. Marinković, D. Krajnović, M. Zeković, Lj. Tasić. Risk management of the medicines dispensing process in community pharmacy. 3. <u>A. Borisova</u>, V. Getova, D. Petrova, H. Slaveykova, M. Popova, Dynamics in the reporting of adverse reactions in the republic of Bulgaria between 2010 – 2015. 4. <u>A. Todorova</u>, A. Cvetkova, M. Arnaudova, K. Andreevska, D. Dimitrov. Pharmacist's role for the improvement of quality of life in patients with seasonal allergic rhinitis. 5. Hr. Burgazliev, Zl. Dimitrova, V. Petkova, <u>D. Grekova</u>, K. Andreevska. Origin and development of the private concession pharmacy, branches and temporary pharmacies in the Bourgas region for the period 1978-1949. 6. Hr. Burgazliev, St. Gueorguiev, V. Madjarov, <u>R. Kiskinova</u>, Zl. Dimitrova. State of the pharmaceutical services in Bourgas region and recommendations for development. 7. <u>B. Hadzhieva</u>, D. Obreshkova, M. Dimitrov, V. Petkova. Analysis of consumer attitudes towards some omega unsaturated fatty acids in food additives. 8. <u>V. Belcheva</u>, E. Grigorov. Health economic impact of some major Rx-to-OTC switches in Bulgaria. 9. <u>V. Getova</u>, A. Borisova, D. Petrova, J. Eftimov, M. Popova. Analysis of the distributed direct communications and educational materials aiming at adverse drug reactions (ADR) risk 	<ol style="list-style-type: none"> 46. <u>L. Marinov</u>, A. Shkondrov, I. Nikolova, I. Krasteva, P. Zdraveva, N. Danchev. The effect of <i>Gypsophila extract</i> in collagen-induced arthritis in mice. 47. <u>D. Zheleva-Dimitrova</u>, S. Bouguet-Bonnet, S. Poinsignon, J-B Regnouf De Vains, M. Mourer, R. Gevrenova, M. Henry. New approach in triterpene saponin purification. 48. <u>Z. Kokanova-Nedialkova</u>, P. Nedialkov. Radical-scavenging activities of nine flavonoids isolated from the aerial parts of <i>Chenopodium bonus-henricus L.</i> 49. I. Mincheva, <u>N. Benbassat</u>, D. Butovska, A. Stoyanova, E. Kozuharova. Lipophilic extracts from <i>Potentilla reptans L.</i> (Rosaceae). 50. <u>N. Benbassat</u>, T. Cherneva, N. Avakumova, V. Hadjimitova, K. Yoncheva. Evaluation of antioxidant activity of extract and oil prepared from <i>Illicium verum</i>. 51. <u>P. Nedialkov</u>, Y. Ilieva, I. Zhelyazkov. Phytochemical study on the methanol extract of <i>Hypericum cerastoides</i>. 52. <u>L. Dimitrova</u>, M. Zaharieva, M. Popova, I. Tsvetkova, S. Konstantinov, V. Bankova, H. Najdenski. Investigation of extracts and compounds derived from the plant <i>Geum urbanum L.</i> for antimicrobial and cytotoxic potential. 53. <u>Y. Ilieva</u>, P. Nedialkov, G. Momekov. Major cytotoxic acylphloroglucinols from <i>Hypericum olympicum L.</i> 54. <u>M. Simeonov</u>, B. Kostova, E. Vassileva. Drug delivery systems based on hydrogels of acrylate and methacrylate interpenetrating polymer networks.

minimization for the period 2013-2015.

10. M. Kamusheva, G. Petrova. Cost-utility analysis of therapy for breast cancer – a case with trastuzumab emtansine.

11. K. Mitov, M. Kamusheva, G. Petrova. Application of meta-analysis for determining the cost-effectiveness of adalimumab citrate free formulation.

12. Hr. Burgazliev, Zl. Dimitrova, V. Petkova, K. Andreevska, D. Grekova. The origin and development of the concession communal and institutional pharmacies in the region of Bourgas for the period 1978-1949.

13. A. Zlatareva, T. Kostadinova, G. Petrova. Why are increased the cost of drug therapy of oncologic diseases?

14. A. Savova, Z. Mitkova, B. Zidarova, M. Vasileva, M. Manova, N. Danchev. Analysis of the changes in reference value, paid with public funds after exclusion of medicinal products from positive drug list.

15. Zh. Kolev, E. Grigorov. The role of generic medicines for limiting of pharmaceutical expences.

16. S. Galeva, E. Grigorov. The electronic prescription in Sweden.

17. M. Doneva, M. Kamusheva, M. Dimitrova, V. Petkova, G. Petrova, D. Petrova, O. Georgiev. Analysis of demographic characteristics and severity of COPD in Bulgaria.

18. G. Petrova, M. Manova, Z. Mitkova. Utilization of cardiovascular medicines in reference DDD/1000INH/DAY.

19. S. Krumov, N. Angelova, V. Pandov, I. Getov. Building a prognostic model for availability of master pharmacists over medium term in Bulgaria.

20. S. Krumov, I. Getov. Methodological approach for implementation of electronic platform for visualization of pharmacies in Bulgaria and analysis of accessibility to pharmacy services.

21. M. Drenska, I. Getov. Research of approaches for regulation of off-label use of medicinal products in European Union.

22. N. Marchokova, V. Petkova, M. Dimitrov. Specifics of patent law in Bulgaria, Europe, Japan, USA and Canada in respect of medicines.

23. N. Gerasimov, G. Petrova. Legal, economic and ethical aspects regarding the regulation of medical devices for rare disease in Europe.

24. B. Angelovska, S. Stojkov, Z. Binakaj, E. Drakalska. Counterfeit medicines and availability to patients in Republic of Macedonia, Serbia and Bosnia and Herzegovina.

25. V. Petkova, I. Jancheva, K. Andreevska, D. Grekova, M. Dimitrov. Assessment of quality of life in patients with polycystic ovary syndrome.

26. V. Petkova, M. Konova, K. Andreevska, D. Grekova, M. Dimitrov. Evaluation of quality of life in patients with rheumatoid arthritis.

55. B. Tzankov, K. Yoncheva, N. Lambov. Evaluation of pramipexole-loading into hollow mesoporous silica particles.

56. V. Karabelyov, V. Angelova, Y. Chekalarova. Current development of hydrazide/hydrazone derivatives and structural analogues as anticonvulsants in animal models.

57. V. Andonova, P. Peneva, G. Georgiev, D. Penkov, M. Kassarova. Bigels with ketoprofen-loaded polymer nanoparticles.

58. V. Kavlakova-Nazarova, M. Kassarova, A. Stoimenova, P. Kavlavkov, K. Valiov. Devices providing preparation for sterile medicinal products with toxic potential for parenteral administration.

59. M. Dobрева, V. Gugleva, St. Titeva. In-vitro release studies of indometacin-loaded microspheres from different dermal dosage forms.

60. M. Dundarova, B. Kostova, V. Tsankova, K. Ivanova-Mileva, D. Georgieva, D. Rachev, D. Christova. Design and study of the potential of hydrogel networks as drug delivery systems for dermal application.

61. S. Stefanov, St. Titeva. Preparing tablet formulations with lithium carbonate with a sustained action for the prevention and treatment of bipolar disorder.

62. M. Petrov, V. Petrova. The research of the principle of Pareto in the pharmaceutical activity.

63. P. Peneva, V. Andonova, M. Kassarova. Rheological and biopharmaceutical study of emulgels with ketoprofen.

64. P. Katsarov, B. Pilicheva, G. Gergov, M. Kassarova. Polymer microspheres with doxylamine and pyridoxine – challenges in incorporating the drug combination.

65. B. Gjorgjeska, S. Petkovska. Comparison of the dissolution test for solid dosage forms in different pharmacopoeia.

66. L. Krasnova, P. Vorobiev, I. Tyurina. Clinical and economic analysis of two surfactants for the prevention and treatment of respiratory distress syndrome.

67. J. Brkic, Lj. Tasic, V. Marinkovic. Potentially inappropriate benzodiazepine use in elderly living in long-term care institutions in Serbia: a pilot study.

68. L. Zylbeari, N. Behxheti, Z. Bexheti, G. Zylbeari, K. Cakalarovski. The effects of erythropoiesis stimulating agent on management the renal anemia in uremic patients.

69. L. Zylbeari, N. Behxheti, K. Cakalarovski, G. Zylbeari, Z. Bexheti. Managing of Dyslipidemia in Uremic patients with Statins.

70. A. Mihaylova, E. Uchicova, N. Parahuleva, S. Gueorgiev. Medical social aspects of surfactant therapy in premature newborns.

71. A. Trochopoulos, P. Donchev, K. Kaloyanov, I. Pencheva, P. Petrov, K. Yoncheva, S. Konstantinov. New micellar curcumin form with antineoplastic activity in myeloma and

27. Hr. Burgazliev, St. Gueorguiev, V. Madzharov, R. Kiskinova, Zl. Dimitrova. Establishment and development of drug stores in Bourgas region for the period between 1878–1947.
28. M. Ganeva, T. Gancheva, J. Troeva, D. Gancheva, E. Hristakieva. Adverse drug reactions and self-medication.
29. S. Zafirovski, I. Kumanov, S. Georgieva. Herbal supplements in dental surgery.
30. B. Nikolova-Mladenova, G. Momekov, D. Ivanov. Gallium(III) complexes with bioactive ligands 5-methoxysalicylaldehyde benzoylhydrazone and 5-methoxysalicylaldehyde isonicotinoylhydrazone.
31. V. Angelova, V. Valcheva, Y. Voynikov, N. Vassilev. Synthesis and antimycobacterial activity of coumarin-based hydrazones and chromen[4,3-c]pyrazol-4-ones.
32. E. Cherneva, R. Buyukliev, A. Bakalova. Synthesis, spectral investigation and quantum chemical study of Pt(II) complex with 3'-amino-2-indanespiro-5'-hydantoin.
33. I. Valkova, I. Dimitrov, Zv. Zhivkova, I. Doytchinova. Isothermal titration calorimetry study of the acetylcholine esterase inhibitor galanthamine.
34. I. Valkova, L. Antonova, M. Kondeva-Burdina, M. Dimitrova, A. Zlatkov. Quantitative structure – hepatotoxicity relationships of arylpiperzine derivatives.
35. M. Atanasova, P. Sasheva, I. Yonkova, I. Doytchinova. Modelling the interaction and prediction of microtubule assembly inhibition of podophyllotoxin and its derivatives via molecular docking.
36. S. Bozhanov, V. Maslarska, B. Tsvetkova, L. Peykova. Determination of metronidazole in tablet dosage forms by high performance liquid chromatographic method.
37. A. Bakalova, E. Cherneva, Y. Rusenova, P. Arnaudov, T. Atanasova, I. Zhelezova, S. Konstantinov. New mixed ammine/amine platinum complexes with 3'-amino-4-thio-1h-tetrahydropyranspiro-5'-hydantoin. Preparation, spectral analysis, theoretical calculations and biological properties.
38. V. Maslarska, S. Bozhanov, L. Peikova. Simultaneous determination of ketoprofen and omeprazole in laboratory mixture by high pressure liquid chromatographic method.
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