12th BALKAN CONGRESS OF HUMAN GENETICS

8th NATIONAL CONFERENCE FOR RARE DISEASES

RARE DISEASES – NEW HORIZONS FOR SCIENTIFIC RESEARCH

8 - 10 September 2017
Grand Hotel Plovdiv, Bulgaria

September 8 (Friday)		
12.00 – 19.00	**Registration**	
15.00 – 17.30	**OPENING SESSION** Moderators: Draga Toncheva, Rumen Stefanov ***Official messages*** *(to be confirmed)* ***Plenary lectures:*** **Draga Toncheva**. Development of genomic medicine in Bulgaria **Rumen Stefanov**. State-of-art of rare disease policy in Bulgaria and the EU **Aspazija Sofijanova.** Rare diseases in Macedonia: from in the middle of nowhere to the point of a part of national programme **Vladimir Tomov**. Rare diseases and genomic medicine – patients' perspective **Dragan Primorac**. Stem cell application for osteoarthritis in the knee join	
17.30 – 18.00	**Coffee break**	
18.00 – 19.30	**SESSION 1** Moderators: Draga Toncheva, Rumen Stefanov ***Plenary lectures:*** **Borut Peterlin**. Genomic medicine in health care systems: the time for change **Kanay Yararbas**. Interpreting next generation sequencing and array data of patients with rare conditions **Ugur Ozbek**. Rare diseases in Turkey **Karin Writzl**. Next generation clinical genetics: genotype first or phenotype first approach **Jasmina Koeva**. Precision and personalized medicine – a promise or an imperative	**PARALLEL SYMPOSIUM 1** **Systemic lupus erythematosus** (supported by GSK) ***Oral presentations:*** **Velichka Popova**. Mixed diseases of the connective tissue – systemic lupus erythematosus [in Bulgarian]
20.30 – 23.00	**Gala dinner**	

September 9 (Saturday)		
8.30 – 16.00	**Registration**	
9.00 – 10.30	**SESSION 2** Moderators: Rada Staneva, Ralitsa Yordanova ***Plenary lectures:*** **Giovanni Neri**. RASopathies: clinical and molecular correlations **Emilia Severin**. Cherubism – a rare genetic disorder **Anastas Pashov**. Rational design of mimotope library for IgM repertoire studies *Oral presentations:* **Olena Grechanina**. A rare disease of the mitochondrial respiratory chain – 3-methylglutaconic aciduria. Approach to diagnosis and rehabilitation **Yulia Grechanina**. Selective screening of mitochondrial dysfunction in a region with a high level of neurological diseases	**PARALLEL SYMPOSIUM 2** **Rare lysosome storage diseases** (supported by Sanofi/Genzyme) Moderators: Ivaylo Tournev ***Oral presentations:*** **Teodora Chamova**. Pompe disease – a treatable myopathy **Emil Paskalev**. Fabry disease – 10 years of experience of the Bulgarian expert centre [in Bulgarian] **Zlate Stojanoski**. Myeloproliferative neoplasm in patients with Gaucher disease
10.30 – 11.00	**Coffee break**	
11.00 – 12.30	**SESSION 3** **From cost to value** (supported by Novartis) Moderators: Ana Pejcic ***Plenary lectures:*** **Stamen Popov**. From cost to value **Silvia Vandeva**. Quality of life in acromegaly **Natalia Grigorova**. Acromegaly – psychological consequences for the patient	**PARALLEL SYMPOSIUM 3** **Hemophilia** (supported by Shire) Moderators: Valeria Kaleva ***Oral presentations:*** **Valeria Kaleva**. New opportunities for personalized prophylaxis in patients with hemophilia A with Advate [in Bulgarian] **Stefan Goranov**. Feiba – review of clinical trials (Pro-FEIBA, PROOF, FENOC) [in Bulgarian] **Denka Stoyanova**. Overview of thromboembolic events in congenital hemophilia, reported with Feiba over the last four decades [in Bulgarian]
12.30 – 13.30	**Lunch break**	
13.30 – 14.30	**Poster session 1** Poster jury: Dijana Plaseska Karanfilska, Borut Peterlin, Savina Hadjidekova	
14.30 – 16.00	**SESSION 4** Moderators: Vily Stoyanova, Dimitrina Konstantinova ***Plenary lectures:*** **Radoslava Vazharova**. Application of targeted NGS in diagnostic work-up of patients with rare diseases **Savina Hadjidekova**. Pre-implantational	**PARALLEL SYMPOSIUM 4** **Rare immune-mediated diseases – new horizons** (in collaboration with BACI) Moderators: Mariana Murdjeva, Marta Baleva ***Plenary lectures:*** **Mariana Murdjeva, Marta Baleva**. Rare

	genetic testing for monogenic and chromosomal disorders: the experience in Bulgaria ***Oral presentations:*** **Maya Atanasoska**. Pre-implantation genetic diagnosis in a family with Waardenburg syndrome **Momchil Rizov**. Application of next-generation sequencing for balanced tranlocations in pre-implantation embryos **Trifon Chervenkov**. Stem cell transplantation – present and future **Desislava Nesheva**. Ancient mtDNA studies on Thracian and Proto-Bulgarian samples: new perspectives on the origin of contemporary Bulgarians	immune-mediated diseases in Bulgaria – the challenge continues [in Bulgarian] **Snezhina Mihaylova**. Molecular diagnostics and genetic screening of primary immune deficiencies [in Bulgarian] **Nevena Gesheva**. Study of the signaling pathways of T- and B-cell activation in common variable immunodeficiency - sight to the pathogenesis of disease [in Bulgarian] ***Oral presentations:*** **Todorka Beleva-Popova**. Firazyr (icatibant) for treatment of hereditary angioedema (supported by Shire) [in Bulgarian] **Petya Yankova**. Ataxia telangiectasia – case report [in Bulgarian] **Neofit Spasov**. Homozygous MyD88 deficiency – case report and literature review [in Bulgarian]
16.00 – 16.30	**Coffee break**	
16.30 – 18.00	**SESSION 5-I** Moderators: Ugur Ozbek, Dragomira Nikolova ***Plenary lectures:*** **Dijana Plaseska Karanfilska**. Phenotype and genotype heterogeneity of thalassemia intermedia **Valeria Kaleva**. Non-transfusion-dependent thalassaemia **Galina Kurteva**. Colorectal carcinoma – from genetic markers, response predictors for the treatment to personalized therapy and new genetic classification ***Oral presentations:*** **Emilija Shukarova Stefanovska**. Molecular defects determined among hemophilia patients in Republic of Macedonia **Radka Kaneva**. Molecular profiling of Hereditary Breast and Ovarian Cancer in Bulgaria **Katerina Popovska-Jankovic**. Differential expression of 12 microRNAs in breast cancer and their potential use as markers for different clinicopathologic features	**SESSION 5-II** Moderators: Emilia Severin, Giovanni Neri ***Oral presentations:*** **Ivaylo Tournev**. TTR FAP in Balkan countries **Stayko Sarafov**. TTR FAP in Bulgaria **Mariana Gospodinova.** Cardiac involvement in patients with hereditary transthyretin amyloidosis associated with Glu89Gln mutation and its impact on prognosis **Andrey Kirov**. Genetic screening for transthyretin amyloidosis in Bulgaria. Genetic profile of TTR-FAP: Glu89Gln founder effect **Albena Todorova**. Genetic profile of TTR-FAP in Bulgaria: parent-of-origin difference in penetrance

September 10 (Sunday)		
	SESSION 6-I Moderators: Albena Todorova, Dimitrina Konstantinova	**SESSION 6-II** Moderators: Karin Writzl, Olga Boyanova
9.00 – 10.30	***Plenary lectures:*** **Ivaylo Tournev**. Neuromuscular disorders in Roma (Gypsies) **Robert Penchovsky**. Engineering integrated digital circuits with allosteric ribozymes for scaling up molecular computation and diagnostics of rare diseases ***Oral presentations:*** **Katya Kovacheva**. Pleven registry of congenital anomalies in the EUROCAT network **Sara Radunovic**. Genetic study of achondroplasia in Serbian population **Hristo Ivanov**. Dysregulated pathways in autism spectrum disorder **Angelina Mandadzhieva**. Genetically proven cases of Wolman disease in Bulgaria and mutation screening of two presumable endemic regions **Marija Brankovic**. NPC1 and NPC2 gene analysis in Serbian patients with Niemann-Pick disease type C.	***Plenary lectures:*** **Sena Karachanak-Yankova**. Genome structure of modern Bulgarians **Mariya Petrova**. Medical legal challenges in genetic research **Ana Pejcic**. Orphan drugs in Serbia: evaluation of market authorization, pricing, reimbursement and expenditure ***Oral presentations:*** **Borislav Popov**. Genetic testing and insurance **Veselina Petrova-Tacheva**. Genetic research, family and family relations **Rada Staneva**. The era of precision medicine – a basic guide of how to navigate the field
10.30 – 11.00	**Coffee break**	
	Session 7-I Moderators: Dijana Plaseska Karanfilska, Ugur Ozbek	**Session 7-II** Moderators: Ivaylo Tournev, Radostina Simeonova
11.00 – 12.30	***Plenary lectures:*** **Gueorgui Balatzenko**. Monitoring of molecular response during the therapy with nilotinib as first-line tyrosine kinase inhibitor in patients with chronic myeloid leukemia. ***Oral presentations:*** **Zora Hammoudeh**. Pharmacogenetic studies in patients with cancer **Marica Pavkovic**. Association of Fc gamma receptor polymorphisms with autoimmune hemolytic anaemia **Marija Dusanovic Pjevic**. Analysis of the association between PAI-1 gene 4G/5G polymorphism and efficacy of thrombolytic therapy in patients with ischemic stroke **Milka Grk**. Association of ADORA2A gene rs2298383 polymorphism with efficacy/toxicity of MTX	***Oral presentations:*** **Teodora Chamova**. Autosomal recessive neurologic disorders among Bulgarian Muslims **Sashka Zhelyazkova**. Clinical and genetic study of Huntington's disease: the 9 years of experience of our team **Stayko Sarafov**. Genetic forms of amyotrophic lateral sclerosis in Bulgaria **Kristina Kastreva**. Charcot-Marie-Tooth: ethnic differences, genetic and clinical spectrum in Bulgaria. **Jean Samuel**. The genetic epidemiology of hereditary spastic paraplegias in Bulgaria **Tihomir Todorov**. NGS approach in cases with congenital neuromuscular disorders **Olga Antonova**. Screening for SNPs in a set of drug-metabolizing enzymes in Bulgarian population

	Suada Mucaj. Identification of CYP2C19*2 allelic variant in healthy Albanian population	**Darina Kachakova**. NGS sequencing in service of neurogenetics in Bulgaria
12.30 – 13.30	**Lunch break**	
13.30 – 14.30	**Poster session 2** Poster jury: Dijana Plaseska Karanfilska, Borut Peterlin, Savina Hadjidekova	
14.30 – 16.00	**Session 8-I** Moderators: Katya Kovacheva, Borislav Popov ***Oral presentations:*** **Slavica Josifovska**. Genetic heterogeneity of cardio vascular diseases associated with pathology of great vessels. **Mariana Gospodinova**. Genetics and cardio-vascular diseases **Elena Sukarova Angelovska**. Recognition of syndromic forms of disorders of sexual differentiation **Valentin Penchev**. Genetic background of steroid-resistant nephrotic syndrome in Bulgaria **Olga Beltcheva**. Molecular basis of developmental disorders: a view through the kidney filter **Mila Baycheva**. Diagnostic and therapeutic approach in children with biliary atresia	**Session 8-II** Moderators: Lyudmila Angelova, Trifon Chervenkov ***Oral presentations:*** **Zoran Gucev.** Rare Diseases, new genes, molecular mechanisms and treatments **Ana Marjanovic**. Study of ATXN2 repeat length in C9ORF72 expansion **Grigor Zoraqi**. Spectrum of mutations in the CFTR gene of Albanian cystic fibrosis patients **Mariya Glushkova**. Genetically verified tuberous sclerosis complex in a cohort of fifteen Bulgarian families **Dragomira Nikolova**. Molecular profiling of papillary thyroid cancer by RNA expression and NGS sequencing platforms **Silva Giragosyan**. Genetic profiling of advanced laryngeal carcinoma by NGS
16.00 – 17.00	**Closing session** Moderators: Draga Toncheva, Rumen Stefanov	

September 9 (Saturday)	
13.30 – 14.30	**Poster session 1** Poster jury: Dijana Plaseska Karanfilska, Borut Peterlin, Savina Hadjidekova

PP-01. Kavecan I et al. MULTIDISCIPLINARY APPROACH AND SPEECH, OCCUPATIONAL, AND PHYSICAL THERAPY IN A CASE OF JOUBERT SYNDROME

PP-02. Kulbalaeva Sh et al. THE CASE OF THE TERMINAL DELETION OF LONG ARM OF THE CHROMOSOME 3

PP-03. Koprululu G et al. MOLECULAR ANALYSIS OF AZF (AZOOSPERMIA FACTOR) GENE MICRODELETIONS WITH QUADRUPLEX REAL TIME POLYMERASE CHAIN REACTION METHOD IN INFERTILE TURKISH MALES

PP-04. Pavkovic M et al. FCGR2A AND FCGR3A VARIANTS ARE NOT ASSOCIATED WITH RESPONSE TO RITUXIMAB IN PATIENTS WITH B-CELL CHRONIC LYMPHOCYTIC LEUKEMIA

PP-05. Pavkovic M et al. CYTOTOXIC T-LYMPHOCYTE ANTIGEN-4 GENE POLYMORPHISM AND THE RISK FOR CHRONIC LYMPHOCYTIC LEUKEMIA IN MACEDONIA POPULATION

PP-06. Pavkovic M et al. TUMOR NECROSIS FACTOR GENE POLYMORPHISMS AND THE RISK FOR CHRONIC LYMPHOCYTIC LEUKEMIA IN MACEDONIA POPULATION

PP-07. Gok I et al. BETA-1 ADRENERGIC RECEPTOR GENE POLYMORPHISMS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME IN EAST OF TURKEY

PP-08. Gatseva P et al. SHORT-BOWEL SYNDROME IN THE NEONATAL PERIOD

PP-09. Angelovic R et al. DIAGNOSIS OF MYELOPROLIFERATIVE NEOPLASMS USING MOLECULAR METHODS FROM SINGLE CENTRE EXPERIENCE

PP-10. Arangelovic E et al. CYTOTOXIC T-LYMPHOCYTE ANTIGEN-4 GENE POLYMORPHISMAND THE RISK FOR TYPE 2 DIABETES IN MACEDONIA POPULATION

PP-11. Biletska S. METABOLISM OF VITAMIN D SYSTEM IN CHILDREN WITH AUTISM SPECTRUM DISORDERS

PP-12. Grechanina O et al. THE CASE OF A COMBINATION OF FOLATE TRANSPORTER, METHYLENETETRAHYDROFOLATE REDUCTASE AND PYRIDOXINE DEFICIENCY IN CHILD WITH EPILEPSY AND PSYCHOMOTOR AND SPEECH RETARDATION

PP-13. Popovic B. ESTIMATION OF RELATIVE TELOMERE LENGTH IN DIFFERENT MSCS

PP-14. Petrova-Tacheva V et al. COMPARATIVE STUDY OF THE EFFECT OF TOTAL EXTRACT FROM HABERLEA RHODOPENSIS LEAVES AND VITAMIN C ON THE CELL VIABILITY OF LYMPHOCYTES ISOLATED FROM PERIPHERAL HUMAN BLOOD

PP-15. Mazurenko L et al. THE MLL REARRANGEMENTS WITH ADDITIONAL CHROMOSOMAL ABBERATIONS IN PATIENTS UNDER ONE YEAR OLD WITH AML (TWO CASES)

PP-16. Kovacheva K et al. RING CHROMOSOME 15 SYNDROME IN A NEWBORN BABY FROM BULGARIA – A CLINICAL CASE

PP-17. Kovacheva K et al. CHROMOSOMAL ABNORMALITIES AND Y CHROMOSOME MICRODELETIONS IN BULGARIAN MALE WITH AZOOSPERMIA OR SEVERE OLIGOSPERMIA

PP-18. Ковачева К и съавт. КЛИНИЧЕН СЛУЧАЙ НА НОВОРОДЕНО МОМИЧЕ С ICHTHYOSIS CONGENITA, РЕЗУЛТАТ ОТ МУТАЦИЯ В ALOX12B ГЕНА

PP-19. Pesic M et al. THE PRESENCE OF PREMUTATION IN THE FMR1 GENE IN PATIENTS WITH CLINICAL PICTURE OF DEGENERATIVE ATAXIA, TREMOR AND PARKINSONISM

PP-20. Maksimovic N et al. THE ANALYSIS OF ENOS 4A/B POLYMORPHISM IN SURGICAL PATIENTS WITH SECONDARY PERITONITIS

PP-21. Tsaneva S et al. THE ROLE OF MOLECULAR GENETIC ANALYSIS IN THE DIAGNOSTICS OF CONGENITAL HEART DISEASES

PP-22. Kavrakova A et al. PRESENCE OF HIGH RISK HUMAN PAPILLOMA VIRUSES IN NONINVASIVE URINE SAMPLES WITH MOLECULAR PROFILE FLUCTUATIONS FOR PROSTATE CANCER, CYTOLOGICALLY CONFIRMED

PP-23. Tincheva S et al. GENETIC TESTING IN COELIAC DISEASE – OUR EXPERIENCE IN BULGARIA

PP-24. Nikolova E et al. MOLECULAR DIAGNOSTIC APPROACH IN NEURO-ONCOLOGY

PP-25. Yordanova I et al. ARSA GENE TESTING: METACHROMATIC LEUKODYSTROPHY OR ARSA PSEUDODEFICIENCY?

PP-26. Kadiyska T et al. ROLE OF THE FTO GENE POLYMORPHISM RS9939609 IN BULGARIAN OBESE ADULTS IN THE DEVELOPMENT OF PREDIABETES

PP-27. Dodova R et al. SCREENING OF BRCA1 AND BRCA2 GENES IN BULGARIAN OVARIAN CANCER PATIENTS

PP-28. Molodan L et al. THE CASE OF A COMBINATION OF WILSON-KONOVALOV DISEASE AND HEMOCHROMATOSIS, CAUSED BY HETEROZYGOUS CARRIAGE OF THE MUTATIONS C282Y AND H63D OF THE GENE OF HEMOCHROMATOSIS

PP-29. Grechanina O et al. THE CASE OF RARE DISEASE – BENIGN RECURRENT INTRAHEPATIC CHOLESTASIS (BRIC)

PP-30. Peycheva V et al. PRE- AND POSTNATAL DIAGNOSTICS OF GENOMIC DISORDERS IN CHROMOSOMES 17 AND 22

PP-31. Popov I et al. MUTATIONAL BURDEN IN BULGARIAN SCHIZOPHRENIA AND BIPOLAR DISORDER PATIENTS: A BIOINFORMATICS ANALYSIS

PP-32. Ivanov H et al. BUDD-CHIARI SYNDROME IN A PATIENT WITH MUTATIONS IN JAK-2, FACTOR V AND MTHFR

PP-33. Ivanov H et al. DE NOVO C.721A>C, P.(THR241PRO) MUTATION IN BRAF GENE IN PATIENT WITH RASOPATHY

PP-34. Katzarova M et al. BRUCK TYPE 1 SYNDROME DUE TO A MUTATION C.831DUPC IN FKBP10 GENE IN BULGARIAN ROMA

PP-35. Chamova T et al. NOVEL FORM OF COMPLICATED HEREDITARY SPASTIC PARAPLEGIA (SPG78), DUE TO MUTATIONS IN THE ATP13A2/PARK9 GENE

PP-36. Chamova T et al. CLINICAL AND GENETIC HETEROGENEITY OF MYOPATHIES IN BULGARIA

PP-37. Chamova T et al. AUTOSOMAL-RECESSIVE CONGENITAL CEREBELLAR ATAXIA IS CAUSED BY MUTATIONS IN METABOTROPIC GLUTAMATE RECEPTOR 1

PP-38. Колева Р. ЗАХАРЕН ДИАБЕТ И ЛОШ АПЕТИТ – КАКВА Е ДИАГНОЗАТА?

PP-39. Penchovsky R. PROGRAMMABLE AND AUTOMATED BEAD-BASED MICROFLUIDICS FOR VERSATILE DNA MICROARRAYS FOR GENOMIC ANALYSES UNDER ISOTHERMAL CONDITIONS

PP-40. Bozhilova R et al. RARE GENETIC VARIANTS IDENTIFIED BY NGS CONTRIBUTE TO BOTH SCHIZOPHRENIA AND BIPOLAR DISORDER

PP-41. Дамянова В и съавт. КЛИНИЧЕН СЛУЧАЙ НА ОСТЕОПЕТРОЗА С НЕГАТИВЕН РЕЗУЛТАТ ЗА JAK-2 МУТАЦИЯ

PP-42. Cherninkova S et al. CLINICAL SYMPTOMATOLOGY AND GENETIC INVESTIGATION IN PATIENTS WITH LEBER'S HEREDITARY OPTIC NEUROPATHY

PP-43. Emilova R et al. RESULTS FROM CYTOGENETIC STUDIES IN PATIENTS WITH REPRODUCTIVE FAILURE (A 20-YEAR EXPERIENCE)

PP-44. Mihaylova M et al. APPLICATION OF MOLECULAR KARYOTYPING IN THE DIAGNOSIS OF 10Q MICRODELETION SYNDROME

PP-45. Zoraqi G et al. GENETIC POLYMORPHISM DATA ON 15 AUTOSOMAL STR MARKERS IN ALBANIANS FROM ALBANIA

PP-46. Tsvetkova M et al. CASES OF WOLF-HIRSCHHORN SYNDROME DIAGNOSED THE LABORATORY OF MEDICAL GENETICS – VARNA FOR THE PERIOD 2008-2017

PP-47. Zoraqi G et al. GENETIC STRUCTURE OF ALBANIAN GIPSY POPULATION BY 15 STR IDENTIFILER MARKERS

PP-48. Konstantinova D et al. GENETIC MARKERS FOR IMMUNE INTOLERANCE IN REPRODUCTIVE FAILURE – A 5 YEARS' EXPERIENCE IN VARNA

PP-49. Kisheva A et al. GENETIC MARKERS FOR THROMBOPHILIA IN PATIENTS WITH CEREBROVASCULAR ACCIDENT AND PERSISTENT FORAMEN OVALE

PP-50. Zoraqi G et al. PRELIMINARY RESULTS OF GENETIC VARIANT CYP1A2 1*F, INVOLVED IN CAFFEINE INTOLERANCE, IN ALBANIAN POPULATION

September 10 (Sunday)	
13.30 – 14.30	**Poster session 2** Poster jury: Dijana Plaseska Karanfilska, Borut Peterlin, Savina Hadjidekova

PP-51. Miteva V et al. BECKWITH-WIEDEMANN SYNDROME IN FOUR UNRELATED CASES – FROM THE GENETIC COUNSELING IN MBAL "ST. MARINA" VARNA

PP-52. Dimova I et al. GENOMIC DISORDERS IN THE CONTEXT OF PRENATAL AND POSTNATAL DIAGNOSTICS IN BULGARIA

PP-53. Stoyanova M et al. GENETIC DIAGNOSTIC SURVEY ON CHILDREN WITH CONGENITAL AND HEREDITARY DISEASES FOR A PERIOD OF TWO YEARS

PP-54. Kastreva K et al. CLINICAL VARIABILITY OF CONGENITAL MYASTHENIC SYNDROME TYPE IA DUE TO MUTATION 1267DELG IN 100 CASES

PP-55. Petkova V et al. ANALYSIS OF SOMATIC MUTATIONS IN LUNG ADENOCARCINOMAS AND SQUAMOUS CELL CARCINOMAS WITH TARGETED NGS

PP-56. Atanasoska M et al. A RARE MUTATION OF SCN8A GENE IN A PATIENT WITH EARLY INFANTILE EPILEPTIC ENCEPHALOPATHY

PP-57. Kaneva R et al. MOLECULAR MARKERS WITH DIAGNOSTIC AND PROGNOSTIC VALUE FOR TREATMENT OF PEDIATRIC SOLID TUMOURS

PP-58. Mucaj S et al. IDENTIFICATION OF CYP2C9*2 ALLELIC VARIANT IN HEALTHY ALBANIAN POPULATION

PP-59. Ignatova I et al. CREATING HAEMOPHILIA COMPREHENSIVE CARE CENTRE AT ST. MARINA UNIVERSITY HOSPITAL – VARNA

PP-60. Taneva A et al. CLINICAL AND GENETIC SPECTRUM OF LIMB-GIRDLE MUSCULAR DYSTROPHIES (LGMD) IN BULGARIA

PP-61. Grigorova N. NEUROFORMA – INNOVATIVE APPROACH OF REHABILITATION FOR NEUROLOGICAL DISEASES AND INJURIES

PP-62. Pavel A et al. BLOOD BIOMARKERS FOR RISK PREDICTION OF AGGRESSIVE PROSTATE CANCER PATIENTS – PRELIMINARY STUDY OF A ROMANIAN COHORT

PP-63. Мандова В и съавт. ОРТОДОНТСКО ЛЕЧЕНИЕ ПРИ ПАЦИЕНТ СЪС СИНДРОМ НА ТЪРНЪР: ПРЕДСТАВЯНЕ НА КЛИНИЧЕН СЛУЧАЙ

PP-64. Mihova K et al. FIRST SYSTEMATIC GENETIC STUDY OF BULGARIAN PATIENTS WITH PARKINSON DISEASE

PP-65. Ivanov S et al. WHOLE-GENOME SEQUENCING IN NEWBORN SCREENING – PRELIMINARY RESULTS ON MEDICAL PROFESSIONALS' ATTITUDES AND OPINIONS IN BULGARIA

PP-66. Anastasovska V et al. MOLECULAR DETECTION OF VIRUS HERPES SIMPLEX TYPE 1 IN PATIENTS WITH PERIODONTAL DISEASE

PP-67. Tsochev K et al. CRITICALLY ILL MSUD PATIENT - CHALLENGES, WAYS TO PREVENT AND OUTCOME

PP-68. Stoycheva R et al. A 17-YEAR-OLD BOY WITH LEOPARD SYNDROME

PP-69. Emilova R et al. RESULTS FROM CYTOGENETIC ANALYSIS IN CHILDREN WITH SUSPECTED CHROMOSOMAL DISORDERS (A 10-YEAR EXPERIENCE). THREE CYTOGENETICS CASE REPORTS

PP-70. Balabanski L et al. THE BULGARIAN CENTENARIAN GENOME PROJECT

PP-71. Вълчева М и съавт. КЛИНИЧНИ СЛУЧАИ НА ПАЦИЕНТИ С МНОЖЕСТВЕНИ МЕТАХРОННИ НЕОПЛАЗИИ

PP-72. Грудева-Попова Ж и съавт. СИНХРОННО И МЕТАХРОННО ПРОТИЧАЩИ НЕОПЛАЗИИ

PP-73. Исмаил Е и съавт. АТИПИЧНА КЛИНИКА ПРИ ИНФЕКЦИОЗНА МОНОНУКЛЕОЗА

PP-74. Chamova T et al. NIEMANN-PICK DISEASE TYPE B AND TYPE C IN BULGARIA – GENETIC AND CLINICAL CHARACTERISTICS

PP-75. Duca S et al. IDENTIFICATION OF HLA B57:01 ALLELE, CONFERRING HYPERSENSIBILITY REACTION TO ABACAVIR, IN HLAB57 INDIVIDUALS OF ALBANIAN POPULATION BY AS-PCR

PP-76. Станчева-Иванова М и съавт. СИНДРОМ НА ПРАЗНАТА СЕЛА – ОПИСАНИЕ НА КЛИНИЧЕН СЛУЧАЙ

PP-77. Musurlieva N et al. RARE SYNDROMES WITH UNUSUAL DENTAL MANIFESTATIONS (REVIEW)

PP-78. Дерменджиев С и съавт. СЪОБРАЖЕНИЯ И РИСКОВЕ, СВЪРЗАНИ С ДИАГНОСТИКАТА И ЛЕЧЕНИЕТО НА ТЕЖКО ОСТРО КОМБИНИРАНО ОТРАВЯНЕ С ПСИХОТРОПНИ ЛЕКАРСТВА

PP-79. Станчева-Иванова М и съавт. НЕВРОЛОГИЧНА СИМПТОМИ ПРИ ПАЦИЕНТ С ПЕРИЦЕНТРИЧНА ИНВЕРЗИЯ НА 9-ТА ХРОМОЗОМА

PP-80. Костадинов К и съавт. ЧЕРНОДРОБНО ЗАБОЛЯВАНЕ СВЪРЗАНО С МУКОВИСЦИДОЗА – КЛИНИЧНИ СЛУЧАИ

PP-81. Камушева М и съавт. ПРОУЧВАНЕ НА НАГЛАСИТЕ НА МАГИСТЪР-ФАРМАЦЕВТИТЕ ОТНОСНО ВЪЗМОЖНОСТИТЕ ЗА ПРИЛАГАНЕ НА ФАРМАЦЕВТИЧНИ ГРИЖИ ЗА ПАЦИЕНТИ С РЕДКИ БОЛЕСТИ В БЪЛГАРИЯ – ПИЛОТНО ПРОУЧВАНЕ

PP-82. Камушева М и съавт. ПРОУЧВАНЕ МНЕНИЕТО НА ПАЦИЕНТИТЕ С РЕДКИ БОЛЕСТИ ОТНОСНО КАЧЕСТВОТО НА ФАРМАЦЕВТИЧНОТО ОБСЛУЖВАНЕ – ПИЛОТНО ПРОУЧВАНЕ

PP-83. Ковачева К и съавт. МЪРТЪВ ПЛОД С DEL (7) (Q 11.23; Q 21.2) ОТ ПРЕКЪСНАТА БРЕМЕННОСТ ПО МЕДИЦИНСКИ ПОКАЗАНИЯ – КЛИНИЧЕН СЛУЧАЙ

PP-84. Стойнева З и съавт. ПЕРИФЕРНОСЪДОВИ И МИКРОЦИРКУЛАТОРНИ НАРУШЕНИЯ ПРИ ВИБРАЦИОННА БОЛЕСТ ОТ ЛОКАЛНО ВИБРОВЪЗДЕЙСТВИЕ

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