



Programme

20 October 2022, Thursday:

12.30 – 19.30 h – Arrival, registration, accommodation - Registration Bureau, Reception, Hotel Calista
19.30 – 22.30 h – Welcome party, cocktail, get-together, Main Hall “Calista”

21 October 2022, Friday:

09.00 – 09.30 – Opening Ceremony, Main Hall “Calista”

Chairs: Dobri Yarkov - Rector of Trakia University,
Krassimir Metodiev - President of IMAB and Chair of SEEC

Greeting addresses:

Rector of Trakia University,
Mayor of the City Stara Zagora,
President of IMAB, Chair of SEEC

09.30 – 09.45 – Greeting address of H.E. The Ambassador of Israel in Bulgaria

09.45 – 12.30 – Scientific Sessions

14.00 – 18.00 – Scientific Sessions

19.00 – 23.00 – Folklore Dinner - Restaurant “Calista”

22 October 2022, Saturday

09.00 – 12.30 – Scientific Sessions

14.00 – 18.00 – Scientific Sessions

18.30 – 20.00 – Restaurant “Calista”

Closing Notes and Awards of the Joint Forum 12-th SEEC and 32-nd IMAB

Announcement of the venue of the next Joint Forum: 13-th SEEC and 33-rd IMAB, October 2023

Wine Party

23 October 2022, Sunday

10.00 – 13.00 – Excursion in Stara Zagora

Scientific Programme

| | | |
|--|---|---------|
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| 22 October 2022, Saturday: 09.30 – 12.00 h | Ninth Session: Section Pharmacology, Experimental Medicine, Immunology & Microbiology - Hall “Sofia” | page 11 |
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21 October 2022

21 October 2022, Friday: 09.45 – 12.25 h

First Session – Section Medicine

Main Hall “Calista”

Chair: Liliya Pekova

Secretary: Darko Simonov

| Time | Title | Authors |
|-------|--|--|
| 9:45 | Nosocomial infections and causative agents in specialized Institute for cardiovascular diseases | <u>Mijomir Pelemis</u> , Ljiljana Vuk, Mirjana Nesovic, Goran Stevanovic (Serbia) |
| 10:05 | Challenges and needs in outpatients with COVID-19 - Serbian experience | <u>Goran Stevanovic</u> , Snezana Jovanovic, Vesna Mijoljevic, Mijomir Pelemis (Serbia) |
| 10:25 | Challenges of Border Emergency Medicine | <u>Radosveta Wells</u> (USA) |
| 10:45 | Coffee break | |
| 11:00 | Comparative analysis of the frequency of Scoliosis in adolescents for the period 2009-2021 | <u>Gergana Gecheva</u> , Stoimen Gechev |
| 11:10 | Analysis of the activity of a temporary immunization point at the largest hospital in Bulgaria | <u>Hristiana Batselova</u> , Kiril Atliev, Karen Dzhambazov |
| 11:20 | Epidemiological study of hospitalized patients with COVID-19 in the in the biggest hospital in Bulgaria, vaccinated against SARS-CoV-2 | <u>Hristiana Batselova</u> , Janet Grudeva-Popova, Tsvetelina Velikova, Latchezar Tomov, Velina Stoeva, Karen Dzhambazov |
| 11:30 | Distribution of Covid 19 Infection Among HIV Positive Individuals in the Infectious Diseases Clinic, University Hospital, Stara Zagora, Bulgaria | <u>Liliya Pekova</u> , Emil Slavov, Krasimira Nancheva, Pavlina Parusheva, Ayshe Ali, Antoaneta Yordanova |
| 11:40 | A fatal case of caffeine poisoning | <u>Georgi Bonchev</u> , Ivelina Panayotova, Snezha Zlateva |
| 11:45 | Study of the ratio between alcohol content in whole blood and blood plasma for the needs of forensic toxicology | <u>Georgi Bonchev</u> , Ivelina Panayotova, Snezha Zlateva, Petko Marinov, Marieta Yovcheva |
| 11:50 | Are catecholaminergic neurotransmission and nociceptin analogs involved in chronic stress? | <u>Ivelina Himcheva</u> , Armine Grigoryan, Ademira Borisova, Anelia Dimitrova, Adriana Bocheva |
| 11:55 | Assessment of vitamin K2 status in patients with Chronic kidney disease. | <u>Borislav Ignatov</u> , Tsvetelina Eftimova, Tatyana Simeonova, Petya Dragomirova, Aneliya Dimitrova |
| 12:00 | Determinants of COVID-19 vaccine acceptance | <u>M.Dzhogova</u> , Y. Dimova, S. Hadzhieva, R.Chamova, E.Ivanova, N. Radeva, M. Rohova, N. L. Mihaylov, C. Paunov, M. Kolarova, R. Pancheva |
| 12:05 | Arterial hypertension in patients with sleep apnea syndrome | <u>Darko Simonov</u> , Anelia Dimitrova, Mario Milkov |
| 12:10 | Long COVID syndrome and arterial stiffness in hypertensive patients | <u>Vesela Georgieva</u> , Anelia Dimitrova, Anna Tolekova |
| 12:15 | Body composition alterations in individuals with metabolic syndrome | <u>Zdravka Radionova</u> , Vania Birdanova |
| 12:20 | Questions and discussion | |



21 October 2022, Friday: 09.45 – 12.25 h
Second Session – Section Medicine
Hall “Trakiya”

Chair: Veselin Ivanov

Secretary: Ekaterina Georgieva

| Time | Title | Authors |
|-------|---|---|
| 9:45 | Relationship between procedural volume and complication rates for catheter ablation of atrial fibrillation: a systematic review and meta-analysis | <u>Ivaylo Tonchev</u> |
| 10:05 | Epidemiology of Preeclampsia in Bulgaria. Screening and prevention. | <u>Boris Stoilov</u> , Ivan Ivanov, Slaviyana Galeva |
| 10:25 | First-trimester detection of major fetal cardiac abnormalities | <u>Gabriela Panayotova</u> , Ivan Ivanov |
| 10:30 | Coffee break | |
| 10:45 | The predictive role of ADMA and oxidative stress in endothelial dysfunction - a pilot study | <u>Ganka Bekyarova</u> , Yoana Kisselova, Valentina Madjova, Nicolay Bekyarov, Daniela Gerova, Monica Todorova |
| 11:05 | Vasa previa - case report | <u>Boris Stoilov</u> , Ivan Ivanov, Slaviyana Galeva |
| 11:15 | Stargardt's disease - options for therapy | <u>Daniela Mitova</u> , Petko Vrachev |
| 11:25 | Anterolateral ligament: A case report | <u>Mihail Angelov</u> , Yoanna Tivcheva, Nikolai Krustev, Dimo Krustev |
| 11:35 | Sleep disturbances and related psychological factors among frontline female healthcare workers during the COVID-19 pandemic | <u>Emil Nikolov</u> , Miroslava Petkova |
| 11:45 | An approach to develop personalized radiopharmaceuticals by modifying [18F]-fluorodeoxy-glucose ([18F]-FDG) | <u>Gergana Simeonova</u> , <u>Boyan Todorov</u> |
| 11:50 | A case report of a co-infection with SARS-CoV-2 and rhinovirus at the beginning of the pandemic in Bulgaria | <u>Svetla Angelova</u> , Irina Georgieva, Asia Stoyanova, Pavlina Parusheva, Lilia Pekova, Lubomira Nikolaeva-Glomb |
| 11:55 | Demonstration of the biological activity of extract of fresh fruits of black elderberry (Sambucus nigra) | <u>Kamelia Parlapanska</u> , Ekaterina Georgieva, Vesko Ivanov, Galina Nikolova, Yanka Karamalakova |
| 12:00 | Water-soluble silymarin protects pancreatic endocrine function in gentamicin-induced damages in mice | <u>Veselin Ivanov</u> , Ekaterina Georgieva, Kamelia Petkova - Parlapanska, Galina Nikolova, Petar Petrov, Yanka Karamalakova |
| 12:05 | Questions and discussion | |



21 October 2022, Friday: 09.45 – 12.00 h
Third Session – Section Dental Medicine
Small Conference Room

Chair: Nikolay Dimitrov
Secretary: Nikolay Genov

| Time | Title | Authors |
|-------|---|---|
| 9:45 | Do dental technicians know and apply proper disinfection and antiseptic measures in their everyday practice | <u>Velina Stoeva</u> , Meri Hristamyan, Ralitsa Raycheva, Hristiana Batselova |
| 9:55 | Monitoring compliance with the rules of antiseptics and decontamination by dental students during work | <u>Velina Stoeva</u> , Meri Hristamyan, Ralitsa Raycheva, Veselina Kondeva, Yordanka Stoilova |
| 10:05 | Assessment of the role of systemic and local factors in burning sensation in the oral cavity | Mariana Murdzheva, Iliyana Stoeva, Atanas Chonin, <u>Aneta Chitkusheva</u> , Eli Hristozova, Alexandra Baldzhieva, Radka Cholakova |
| 10:15 | Influence Of Ordinary Cigarettes And Their Substitutes On Secretory Immunoglobulin A (sIgA) In Unstimulated Saliva | Petya Pechalova, <u>Konstantin Trifonov</u> , Maria Atanasova, Rusi Argirov, Milen Hristozov, Ralitsa Raycheva |
| 10:25 | Large Epidermoid cyst of the floor of the mouth -case report | Angel Sapundjiev, Radka Cholakova, Nikolai Pavlov, Galina Gavazova-Hristozova, <u>Konstantin Trifonov</u> , |
| 10:35 | Sublingual Lipoma - a Diagnostic Challenge | Deyan Neychev, <u>Bozhidar Pilichev</u> , Denitsa Serteva |
| 10:40 | Pain associated with intraosseous anesthesia with Quicksleeper and post-operative condition of perforation site. | Emiliya Simeonova, <u>Elena Boyadzhieva</u> , Valeriya Aleksandrova, Snezhana Tsanova, Plamen Zagorchev |
| 10:45 | Coffe break | |
| 11:00 | Cone-beam computed tomography and light microscopic examination of human extracted molars — an in vitro study | <u>Elvira Gyulbenkiyan</u> , Rossen Borisov, Radosveta Vasileva, Angela Gusiyska |
| 11:05 | Hydroxyapatite/hyaluronan nano-hybrid material used for management of periapical bone lesions in teeth with periodontitis | Angela Gusiyska, R. Ilieva, Elena Dylgerova, <u>Elvira Gyulbenkiyan</u> |
| 11:10 | Schwannoma Of The Anterior Part Of The Tongue – Literature Review And Case Report | <u>Evgeniy Aleksiev</u> , Zornitsa Mihaylova, Stela Doncheva, Angel Adamov, Konstantin Stamatov, Nikolay Ishkitiev, Marina Miteva, Pavel Stanimirov |
| 11:15 | Tinnitus and Daily Discomfort | <u>Boris Borisov</u> |
| 11:20 | Laser doppler flowmetry microcirculation assessment of periapical tissues before, during and after endodontic surgery | <u>Bogdan Krastev</u> , Ivan Filipov, Mariela Tsanova-Stamatova |
| 11:25 | Algorithm for prevention and follow-up of white carious lesions in patients with fixed orthodontic technique | <u>Elena Dimova</u> |
| 11:30 | A Comparative Study of Full Mouth Bleeding Score (FMBS) and Gingival Index Loe and Silness (GILS) in Assessing Gingival Status of Children Aged 10-14 years | <u>Hristina Tankova</u> , Zornitsa Lazarova |
| 11:35 | Species Characteristics of Microbial Associations in the Course of Treatment of 10 to 14 year-old Children with Plaque-induced Gingivitis | <u>Hristina Tankova</u> , Zornitsa Lazarova |
| 11:40 | Behaviour and Anxiety Assessment of Children Aged 4-6 in Dental Treatment with Brix 3000 | <u>Zornitsa Lazarova</u> , Hristina Tankova |



| Time | Title | Authors |
|-------|--|---|
| 11:45 | Microorganisms in Treatment of Carious Lesions of Primary Teeth with Brix 3000 | <u>Zornitsa Lazarova</u> , Hristina Tankova |
| 11:50 | Clinical efficiency and patient preference of digital and conventional workflow for manufacturing of three-unit zirconia bridges | <u>Kiril Gogushev</u> |
| 11:55 | The new oral anticoagulant drugs: through the eye of the dental practitioner. | <u>Atanaska Dinkova</u> , Hristo Daskalov, Martin Drangov, Yavor Dandarov |
| 12:00 | Questions and discussion | |

21 October 2022, Friday: 14.00 – 17.40 h
Fourth Session – **Section Medicine**
Main Hall “Calista”

Chair: Boryana Parashkevova
Secretary: Ekaterina Birnikova

| Time | Title | Authors |
|-------|---|---|
| 14:00 | Emergent Interfacility Transfers | <u>Radosveta Wells</u> (USA) |
| 14:20 | The place and role of psychiatrist in Covid-19 pandemic - review and personal experience | <u>Milena Stevanovic</u> , Zorana Pavlovic (Serbia) |
| 14:40 | New issues of modern urologic oncology: the therapy options for the advanced prostate cancer | <u>Orlin Savov</u> , <u>Vladislav Mladenov</u> , <u>Dimitar Mladenov</u> (Germany, Bulgaria) |
| 15:00 | Economic burden of infectious diseases – method quantity metrics for antibiotic use in inpatients | <u>Tatjana Pokrajac</u> (Slovenia) |
| 15:10 | Mode of delivery in multiple pregnancy | <u>Svilen Lazarov</u> , Nikolay Lazarov |
| 15:20 | Post-vaccinal reactions following vaccination with the Covid-19 vaccine | <u>Velina Stoeva</u> , Vanya Rangelova, Ralitsa Raycheva |
| 15:30 | Coffee break | |
| 15:45 | Growth improvement after one-year treatment of children with Inflammatory bowel disease in the main medical centres in Bulgaria | <u>Dimitrov L</u> , Koleva K, Kofinova D, Yankov I, Georgieva M, Atanasova N, Dzhogova M, Dimova J, Gerasimidis K, Pancheva P |
| 15:55 | Impact of physical modalities on pain and physical function in patients with knee osteoarthritis | <u>Galina Mratskova</u> , Nedko Dimitrov, Alexandar Dimitrov, Petya Goycheva, Damyan Petrov |
| 16:05 | Superficial thrombophlebitis in a 9-month pregnant woman. A case report. | <u>Hristo Abrashev</u> , Ekaterina Georgieva, Julian Ananiev |
| 16:15 | Epidemiological investigations of acute flaccid paralysis in Stara Zagora region for the period 2012-2022. | <u>I.Simeonova</u> , I.Mladenova, D.Petrov |
| 16:25 | Vegetarianism in early childhood and micronutrient deficiency | <u>Ralitsa Peycheva</u> , Boryana Parashkevova, Juliana Marinova |
| 16:30 | The role of social determinants of heart failure - recent trials | <u>Diyan Gospodinov</u> , Boryana Parashkevova, Lina Hadzhiilieva, Juliyana Marinova |
| 16:35 | A survey of psychological distress in the COVID-19 pandemic among students of the medical specialties | <u>Ekaterina Birnikova</u> , Vanya Slavova, Boryana Parashkevova, Juliana Marinova, Velcho Nanchev, Veselin Ivanov |



| Time | Title | Authors |
|-------|--|---|
| 16:40 | Examine of gait parameters in post-traumatic conditions (material and methods) | <u>Danelina Vacheva</u> , Atanas Drumev |
| 16:45 | A rare case of glomerular crescent in renal AA amyloidosis | <u>Julian Ananiev</u> , Anushka Rapondzhieva, Diliانا Nikolova, Krasimir Petkov |
| 16:50 | Oral health related to motor impairment in children with neuropsychiatric disorders in Northeastern Bulgaria | <u>Lyubomir Dimitrov</u> , Ana Angelova, Desislava Konstantinova, Albena Toneva, Rouzha Pancheva |
| 16:55 | The sign of organic production and the increased popularity of organic foods | <u>Kameliya Tsvetanova</u> , Engin Hasanov, Gabi Georgieva, Pavlinka Tsotsakova, Associate Professor Darina Naydenova, Dr. Rozalina Braykova, Dr. Albena Toneva |
| 17:00 | Isotretinoin induced psychotic symptoms | <u>Tatyana Telbizova</u> |
| 17:05 | Assessment of the situation during pain in patients with chronic pain and depression. | <u>Tatyana Telbizova</u> |
| 17:10 | A clinical case of poisoning with the Black Mamba tropical snake | <u>Snezha Zlateva</u> , Petko Marinov, Marieta Yovcheva, Jivka Kerezova, Georgi Bonchev, Ivelina Panayotov, Gabriela Kehayova, Kristina Stoycheva |
| 17:15 | Epidemiological study of the frequency of alcohol and drug intoxication for a 5-year period /2017-2021/ in the city of Varna | <u>Snezha Zlateva</u> , Petko Marinov, Marieta Yovcheva, Georgi Bonchev, Ivelina Panayotova, Gabriela Kehayova, Kristina Stoycheva |
| 17:20 | Self-poisoning by injecting formalin – a case report | <u>Snezha Zlateva</u> , Marieta Yovcheva |
| 17:25 | Vitamin K2 status in Bulgarian menopausal women | <u>Tatyana Simeonova</u> , Krasimira Stefanova, Petya Dragomirova, Pavlina Yordanova-Laleva, Zdravka Radionova, Boryana Ruseva |
| 17:30 | Questions and discussion | |

21 October 2022, Friday: 14:00 – 16:30
Fifth Session – Section Dental Medicine
Small Conference Room

Chair: Milena Draganova

Secretary: Tzvetelina Atanasova

| Time | Title | Authors |
|-------|--|--|
| 14:00 | Individualised titanium abutments- advantages and disadvantages | <u>Neli Nikolova</u> , Dimitar Filchev |
| 14:10 | MMPs and oral health- special attention on MMP-8. | <u>Tsvetelina Atanasova</u> , Teodora Stankova, Tatyana Vlaykova |
| 14:20 | Frequency of mesiodens in orthodontic patients – clinical and radiographical discussion. | Greta Yordanova, <u>Mario Grancharov</u> , Mirela Georgieva |
| 14:30 | Comparison of different imaging techniques for the detection of separated endodontic instruments | <u>Viktoria Dimitrova</u> , Silviya Dimitrova, Petya Kanazirska |
| 14:40 | The influence of apical foramen preparation on intracanal cryotherapy- an in vitro study | <u>Marieta Todorova</u> , Silviya Dimitrova, Plamen Zagorchev, Milena Draganova-Filipova |



| Time | Title | Authors |
|-------|---|--|
| 14:50 | Cryotherapy in asymptomatic irreversible pulpitis – molecular response to the pain | <u>M. Draganova</u> , M. Todorova, P. Zagorchev, S. Dimitrova |
| 14:55 | Orthodontic retention protocols practiced by members of the Bulgarian Orthodontic Society | <u>Manoela Kalaydzhieva</u> |
| 15:00 | Efficacy of photodynamic and low-level laser therapy in treatment of dry socket | <u>Stanimir Kisselov</u> , Dejan Neychev, Alexandra Baldjieva, Andreana Angelova, Bojidar Pilichev |
| 15:05 | Comparison of extracellular matrix and adhesion markers expression in oral mesenchymal stem cells | <u>Zornitsa Mihaylova</u> , Marina Miteva, Pavel Stanimirov, Nikolay Ishkitiev, Evgeniy Aleksiev, Stela Doncheva, Angel Adamov, Konstantin Stamatov |
| 15:10 | Comparative evaluation of microhardness on artificial enamel lesions on smooth surfaces after application of three contemporary agents: an in-vitro study | Irina Uzunova, Iliyan Dobrev, Dancho Danalev, Ralitsa Raycheva, <u>Kostadin Georgiev</u> , Svetla Petrova, Tanya Nihtianova, Ani Belcheva |
| 15:15 | Root canal anatomy and dentin thickness in immature permanent teeth | Ralitsa Bogovska-Gigova, <u>Krasimir Hristov</u> |
| 15:20 | Antimicrobial activity of root canal filling materials for endodontic treatment in primary dentition | Maria Shindova, Eli Hristozova, Plamen Katsarov, <u>Michael Onov</u> , Kostadin Kostadinov, Vasko Toplev, Ani Belcheva |
| 15:25 | Family environment as possible risk factor for development of MIH in children | Svetla Petrova, <u>Plamena Sapunarova</u> , Tanya Nihtyanova, Irina Uzunova, Ani Belcheva |
| 15:30 | Coffee break | |
| 15:45 | Oral health education and motivation for parents and their children in nurseries | <u>Ralitsa Bogovska-Gigova</u> , Krasimir Hristov |
| 15:50 | Interrelation between Diabetes Mellitus and Oral-Dental State in Child's Age- A Case Report | <u>Sirma Angelova</u> |
| 15:55 | Combination of bleaching and resin infiltration for the treatment of dental fluorosis | <u>Veselina Todorova</u> , Kremena Markova, Ivan Filipov, Marieta Todorova |
| 16:00 | Dental age estimation using Demirjian method in Bulgarian subjects with mixed and permanent dentition: A digital orthopantomographic study | <u>Iliyana Atanasova</u> |
| 16:05 | Evaluation of skeletal maturity using maxillary canine calcification stages- a digital X-ray study | <u>Iliyana Atanasova</u> |
| 16:10 | Algorithm for early prevention and treatment of mouth breathing children | <u>Zornitsa Valcheva</u> , Hristina Arnautska |
| 16:15 | Indirect 3D navigation in dental implantology | <u>Emanuel Tenchev</u> , Metodi Abadjiev |
| 16:20 | Digital approach by full mouth rehabilitation with dental implants | Metodi Abadjiev, <u>Emanuel Tenchev</u> |
| 16:25 | Questions and discussion | |

21 October 2022, Friday: 14.00 – 16.45 h

Sixth Session – Section Biomedicine

Hall “Sofia”

Chair: Galina Nikolova

Secretary: Boyana Parvanova

| Time | Title | Authors |
|-------|---|--|
| 14:00 | Lignin-based formulations as vehicles in biomedical sciences | Monika Toneva , Donika Ivanova, Milena Tzanova, Zvezdelina Yaneva |
| 14:10 | Cell adhesion molecules (CAMs) in cancer development and progression – special attention on integrins | Kahan Celik , Tanya Tacheva, Tatyana Vlaykova |
| 14:20 | Matrix metalloproteinases and their underlying significance in COVID-19 | Usman Khalid , Tatyana Vlaykova |
| 14:30 | Photosensitizers and Photodynamic Method towards Drug-resistance | Vanya Mantareva , Vesselin Kussovski, Ivan Iliev, Ivan Angelov, Mahmut Durmus |
| 14:40 | Optoelectronic method for optical diagnosis of the state of the vascular system | Alexander Gisbrecht |
| 14:45 | Passive and electroinduced delivery of lignin micro-/nanoformulations and in vitro evaluation of their antitumor potential. | Biliana Nikolova , Georgi Antov, Severina Semkova, Iana Tsoneva, |
| 14:50 | Characterization of allergies - sex, age and blood group structure in a reproductive population from southern Bulgaria | Evgeniya N. Ivanova , Stanislav Ivanov, Gergana Panayotova, |
| 14:55 | Protective Effects Of Antioxidants Against Burn-Related Injuries | Minka Hristova |
| 15:00 | Experimental Models Of Burn Injury | Minka Hristova , Antoniya Hachmeriyani |
| 15:05 | Prehemolytic impact of phenothiazine drugs on the attachment of spectrin network in red blood cells. | Bilyana Tacheva , Boyana Paarvanova, Miroslav Karabaliev, Ivan Ivanov. |
| 15:10 | Thermal dielectroscopy study of RBCs with hereditary anemia | Boyana Paarvanova , Bilyana Tacheva, Miroslav Karabaliev, Ivan Ivanov |
| 15:15 | Coffee break | |
| 15:30 | Biological activity of mistletoe extract in vitro | A. Nesheva , I. Iliev, B. Robev, I. Tsoneva, A. Momchilova, G. Staneva, B. Nikolova |
| 15:35 | Organochlorine pesticides in breast milk from primiparae mothers living in northeastern region of Bulgaria | Temenuga Trifonova , Stanislava Katelieva Georgieva, Darina Naydenova, Zlatina Peteva |
| 15:40 | In vitro antimicrobial activity of single- and multicomponent plant flavonol/biopolymer systems | Zvezdelina Yaneva , Monika Toneva, Georgi Beev, Nikolina Rusenova, Donika Ivanova, Evgeni Simeonov, |
| 15:45 | Cytoprotective activity and oxidative stress elimination of Lemna Minor (Water Lent) extract against gamma radiation-induced toxicity | Yanka Karamalakova , Ekaterina Georgieva, Kamelia Petkova - Parlapanska, Veselina Petrova, Borislav Popov and Galina Nikolova |
| 15:50 | Cardiac oxidative protection of Ochratoxin A-induced immunotoxic effects by Silybum Marianum and Vitamin E | Galina Nikolova , Ekaterina Georgieva, Kamelia Petkova - Parlapanska, Veselin Ivanov and Yanka Karamalakova |
| 15:55 | Infection of Ixodes ricinus with Borrelia burgdorferi sensu lato in Ayazmo park, Stara Zagora Bulgaria | Iskren Stanilov, Samuil Stanev , Lyuba Miteva |
| 16:00 | Anti-spike IgG antibody persistence at SARS-CoV-2 infection and vaccinated patients | Boncho Grigorov, Antonia Grigorova , Galina Staneva, Romyana Cholakova |



| Time | Title | Authors |
|-------|---|---|
| 16:05 | Effect of SAHA and c-Jun N-terminal kinase inhibitor on the inducible mRNA expression of Interleukin-17 | Boncho Grigorov , Magdalena Platikanova, Antonia Grigorova, Spaska Stanilova |
| 16:10 | Does IL-12p40 play a role in brain tumors? | Lyuba Miteva , Boncho Grigorov, Bozhidar Petrov, Ridvan Yusuf, Stefan Valkanov |
| 16:15 | Application of biomedical technologies - challenges and solutions | Mariya Hristozova , Anna Mihaylova, Dobromira Shopova, Desislava Bakova, |
| 16:20 | Legal aspects of telemedicine | Mariya Hristozova , Momchil Mavrov |
| 16:25 | Is the serum osteoprotegerin (OPG) a reliable biomarker of COPD progression? | Tanya Tacheva , Dimo Dimov, Yanitsa Zhelyazkova, Mariana Genova, Tatyana Vlaykova |
| 16:30 | Asymmetry in nociceptive responses to cannabinoid ligands microinjected into the hippocampal ca1 area of bulbectomized rats | Velikova M., Doncheva D. , Nocheva H., Tashev R. |
| 16:40 | Questions and discussion | |

21 October 2022, Friday: 14.00 – 17.15 h
Seventh Session – Section Veterinary Medicine
Hall “Zagora”

Chair: Georgi Penchev

Secretary: Romyana Simanova

| Time | Title | Authors |
|-------|--|--|
| 14:00 | Opening remarks | Georgi Penchev Todor Stoyanchev |
| 14:10 | Computed tomography as a bridge between anatomy and surgery | Martin Kramer |
| 14:30 | Three-dimensional (3D) printing in veterinary medicine: Alternative possibility or designing the future | Diana Vladova |
| 14:45 | Preparation of three-dimensional polymer models of bones from representatives of the Felidae family | Nikolay Tsandev |
| 14:55 | 3D anatomical imaging and macrometric specifics of the adrenal glands of the chinchilla (<i>Chinchilla lanigera</i>) | Kameliya Stamatova-Yovcheva |
| 15:05 | Computed tomography in exotic animals | Tsvetan Chaprazov |
| 15:20 | Computed tomography – application in small animal clinics | Svetlio Penchev |
| 15:35 | Coffee break | |
| 16:00 | Reasons for honey bee colony losses in Bulgaria | Evgeniya N. Ivanova , Plamen Petrov, Nikolay Petkov |
| 16:15 | Dental 3D and CAD-CAM technology | Dobromira Shopova |
| 16:30 | Practical application of artificial 3D printing models and implants | Vanyo Vezirov |
| 16:45 | Scanning and software modeling with 3D technologies in Bulgaria and abroad | Nikolay Zlatev |



| Time | Title | Authors |
|-------|---|------------------------|
| 17:00 | 3D models in the practical education of vet students at vet sim centers in Bulgaria and Germany | <u>Zdravko Todorov</u> |
| 17:15 | Questions and discussion | |

22 October 2022

22 October 2022, Saturday: 09.00 – 12.25 h
Eighth Session – Section Medicine
Hall “Calista”

Chair: Mariyana Penkova

Secretary: Petya Hadzhibozheva

| Time | Title | Authors |
|-------|---|---|
| 9:00 | Fetal echocardiography in the first trimester of the pregnancy | <u>Ivan Ivanov</u> , Boris Stoilov, Slavyana Galeva |
| 9:20 | Screening for late-onset fetal growth restriction | <u>Ivan Ivanov</u> , Boris Stoilov, Slavyana Galeva |
| 9:40 | Effects of Mozart's music over the heart function in pregnant women | <u>Beatris Hristova</u> , Palmena Angelova, Slavyana Galeva, Yana Lazarova, Nadezhda Ivanova, Angeliki Moutafi, Georgi Petkov |
| 10:00 | Fetal cardiovascular response towards Mozart's music | <u>Galeva S.</u> , Angelova P., Tsonev M., Moutafi A., Mihailova E., Kalchev P., Petrov P |
| 10:20 | Fetal arrhythmia: the hidden burden of stillbirth | <u>Slavyana Galeva</u> , Boris Stoilov, Ivan Ivanov |
| 10:40 | Coffee break | |
| 10:55 | Options for ultrasonographic monitoring of abdominal pain in Schönlein-Henoch disease | <u>Anelia Vasileva</u> , Ivan Chakarov, Petrana Chakarova |
| 11:05 | Diagnosis and treatment of chronic viral hepatitis C in risk groups | <u>Daniela Radicheva</u> , Mariana Penkova, |
| 11:15 | Analysis of the practical preparation of students nurses to deal with an epileptic seizure | <u>Dimitrina Blagoeva</u> , Maria Dimitrova, Tanya Popova |
| 11:25 | Alternative Surgical Therapy Of Glomus Tympanicum Tumors - 12 Years Of Experience | <u>Petar Rouev</u> , Vanya Shomova |
| 11:35 | A survey on continuous postgraduate disaster medicine education needs in Plovdiv | <u>Elena Valkanova</u> , Rostislav Kostadinov, Romyana Etova, Maria Semerdzhieva |
| 11:40 | Epidemiological analysis of acute intoxications that passed through the Department of Toxicology, Naval Hospital- Varna over an 8-year period | <u>Gabriela Kehayova</u> , Snezha Zlateva, Petko Marinov, Simeonka Dimitrova |
| 11:45 | Epidemiological study of Measles in Varna region (2017-2021) | <u>Gabriela Tsankova</u> , Eliyana Ivanova, Neli Ermenlieva, Mihaela Sevdalova |
| 11:50 | Postexposure prophylaxis of Rabies in Dobrich region (2015-2020) | <u>Gabriela Tsankova</u> , Danael Monov, Neli Ermenlieva, Daniela Ivanova |
| 11:55 | Hospital staff awareness of the triage in disasters | <u>Mariya Georgieva</u> , Rostislav Kostadinov, Mariya Semerdzhieva |

| Time | Title | Authors |
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| 12:00 | Application of nitroxide radical Tempol for detection of oxidative stress in a cases of methanol intoxication | <u>Mirena Sokolova</u> , Ekaterina Georgieva, Vasil Atanasov, Rositsa Kostandieva, Georgi Arabadjiev, Hristo Abrashev, Kamelia Petkova-Parlapanska, Yanka Karamalakova, Galina Nikolova |
| 12:05 | The stable nitroxide radicals as ROS-detector of oxidative stress in the COVID-19 related pulmonary fibrosis | <u>Mirena Sokolova</u> , Ekaterina Georgieva, Georgi Arabadjiev, Mitko Mitev, Kamelia Parlapanska, Yanka Karamalakova, Galina Nikolova |
| 12:10 | De novo design of a PCR-RFLP assay for detecting leptin receptor single nucleotide polymorphism in hypothalamic nuclei. | <u>T. Rashev</u> , D. Marinova, M. Dobrev, S. Trifonov |
| 12:15 | Average daily consumption of foods and of foods accumulating heavy metals in young people | <u>Vania Birdanova</u> , Ivelina Ruseva, Zdravka Radionova |
| 12:20 | Comparative analysis and evaluation of the anticlastogenic potential of Haberlea rhodopensis total extract on human lymphocyte cultures in in-vitro conditions compared to cytoprotectors proven in practice | <u>Veselina Petrova-Tacheva</u> , Borislav Popov, Antonia Grigorova, Boyana Stoyanova, Tsvetomira Hristova, Kamelia Petkova-Parlapanska, Galina Nikolova, Yanka Karamalakova, Vasil Georgiev, Atanas Pavlov |
| 12:25 | Questions and discussion | |

22 October 2022, Saturday: 09.30 – 11.45 h

**Ninth Session – Section Pharmacology, Experimental Medicine, Immunology & Microbiology
Hall “Sofia”**

Chair: Emil Slavov

Secretary: Mariya Angelova

| Time | Title | Authors |
|-------|--|---|
| 9:30 | Antibiotics and behavior - an underestimated problem | <u>Mihai Nechifor</u> (Romania) |
| 9:50 | Antibiotic stewardship and COVID-19 pandemics. The experience of a Romanian Infectious disease hospital | <u>Maria Ioana Onofrei</u> , Mihai Nechifor, Mihaela Catalina Luca (Romania) |
| 9:55 | Definitive damage control orthopaedics with externalized locked plating for complicated tibial fractures | <u>Biser Makelov</u> , Nedko Dimitrov, Dimitar Raykov, Boyko Gueorguiev |
| 10:05 | Laser treatment with CO2RE INTIMA - A new and necessary procedure | <u>Maria Angelova</u> |
| 10:15 | Basic principles and techniques in the laparoscopic operative treatment of genital prolapse | <u>Stefan Bouzalov</u> , Yassen Ivanov, Plamen Yanev, Slavcho Tomov, Tihomir Totev |
| 10:25 | Anti-inflammatory activity of a cream containing snail mucus and caviar and quantitative evaluation of the CD68 expression in inflammatory cells at purulent wound | <u>Armene Grigoryan</u> , Ivan Ivanov, Mikita Velikov, Maria-Teodora Hristova, Dobromir Nguen, Hristina Hitkova, Maxim Pogorelov, Aneliya Dimitrova, Dobromir Dimitrov |
| 10:30 | Expressional changes of osteonectin and collagen type-1 in female wistar rats with osteoporosis. | <u>Armene Grigoryan</u> , Tatyana Betova, Aneliya Dimitrova |
| 10:35 | Coffee break | |



| Time | Title | Authors |
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| 10:50 | Experimental photodynamic treatment of glioblastoma stem cells with photosensitizers | <u>Ivan P. Angelov</u> , L. B. Zaharieva, V.N. Mantareva, K.D. Tumangelova-Yuzeir, E.I. Ivanova-Todorova, Ts.I. Genova, L.A. Avramov, G.H. Vasilev, E.K. Kurteva, P.A. Karazapryanov, D.S. Kyurkchiev, K. Ts.Minkin, E.G. Borisova |
| 10:55 | Effect of the new antiepileptic drug Lacosamide on cognitive performance in an experimental model of drug-induced amnesia | <u>Michaela Shishmanova-Doseva</u> |
| 11:00 | The role of TGF-Beta 1 in Rheumatoid arthritis | <u>Faisal Saghir</u> , Georgi Vasilev, Iskren Stanilov, Lyuba Miteva |
| 11:10 | High sensitivity 14-parameter flow cytometry for evaluation of minimal residual disease in childhood B-cell acute lymphoblastic leukemia | <u>Alexandra Baldzhieva</u> , Hasan Burnusuzov, Teodora Kalfova, Steliyan Petrov, Hristo Taskov, Marianna Murdjeva |
| 11:15 | Detection of S1 specific B-cells, plasmablast and plasma cells by flow cytometry in SARS-CoV-2 infection. | <u>Martina Bozhkova</u> , S. Petrov, T. Kalfova, H. Taskov, M. Murdjeva |
| 11:20 | Cell-mediated immunity in COVID-19 patient evaluated by Interferon Gamma Release Assay (IGRA) | <u>Steliyan Petrov</u> , T. Kalfova, M. Bozhkova, H. Taskov, M. Murdzheva |
| 11:25 | Comparative analysis of seroprevalence of herpes simplex virus type 1 and type 2 in Varna region, 2019-2020 | <u>Neli Ermenlieva</u> , Tatina Todorova, Gabriela Tsankova, Gergana Nedelcheva, Zhivka Stoykova, Tsvetelina Kostadinova |
| 11:30 | Risk factors for intestinal colonization with Vancomycin-resistant Enterococci among patients in an intensive care unit | <u>Preslava Hristova</u> , Hristina Hitkova |
| 11:35 | Study of the microbial diversity of white sand clams from the Black Sea water area | <u>Radoslav Ivanov</u> , Sevginar Ibryamova, Stephany Toschkova, Darina Ch. Bachvarova, Aysel Lyatif, Dimitar Dimitrov, Nikolay Natchev, Tsveteslava Ignatova-Ivanova |
| 11:40 | Assessment of the bioaccumulation of microplastics in different species of Teleost fish from the Black Sea | <u>Tsveteslava Ignatova-Ivanova</u> , Sevginar Ibryamova, Stephany Toschkova, Darina Ch. Bachvarova, Aysel Lyatif, Elitca Stanachkova, Radoslav Ivanov, Nikolay Natchev, |
| 11:45 | Questions and discussion | |

22 October 2022, Saturday: 14.00 – 17.15 h

Tenth Session – **Section Medicine**

Main Hall “Calista”

Chair: Tzvetelin Georgiev

Secretary: Petya Hristova

| Time | Title | Authors |
|-------|--|--|
| 14:00 | Impact of classical music on heart rate variability parameters in healthy people | Palmena Angelova, Slavyana Galeva, <u>Yana Lazarova</u> , Nadezhda Ivanova, Michail Tzonev; Georgi Petkov |
| 14:20 | Occupational hazards of dentistry | <u>Iva Miteva</u> |
| 14:40 | Micronutrient Deficiencies Following Bariatric Surgery - Strategies For Nutritional Care | <u>Ludmila Ivanova</u> , E. Kostadinov, S. Ivanov |
| 14:50 | Autoimmune encephalopathies and their associated antineuronal antibodies | <u>Milen Hristozov</u> , Marianna Murdjeva, Ivan Ivanov, Ralitsa Yordanova-Kozareva, Fani Galabova-Petrova |

| Time | Title | Authors |
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| 15:00 | Interactive software solution to optimize and personalise antibiotic prescriptions and fight AMR in hospitals | <u>Natalia Konova</u> , Emil Gatchev |
| 15:10 | Cosmetic gels and pre/post-operative drinks | <u>Plamen Hristov</u> , Peter Nedkov |
| 15:20 | The influence of information sources on COVID-19 vaccine acceptance in Bulgaria | <u>Tsonko Paunov</u> , Stanislava Hadzhieva, Rositsa Chamova, Eliyana Ivanova, Nikolina Radeva, Maria Rohova, Nikolay Mihaylov, Miglena Kolarova, Rouzha Pancheva |
| 15:30 | Coffee break | |
| 15:45 | Method of filling existing defect of the tibial bone during total knee arthroplasty | <u>Stanislav Karamitev</u> , Stoyan Ivanov, Vladimir Stavrev |
| 15:55 | Cytoarchitecture of the pineal gland | <u>Yoanna Tivcheva</u> , Mihail Angelov, Nikolai Krustev, Dimo Krustev, Aleksandar Apostolov, Atanas Hristov |
| 16:05 | Characteristic changes in some clinical laboratory parameters of the SARS-CoV-2 infection in the course of the disease | <u>Pavlina Teneva</u> , Ivelina Dobрева |
| 16:10 | Noceptin and its role in opioid regulation in the brain | <u>Ivelina Himcheva</u> , Borislav Ignatov, Antonia Kastelova, Adriana Bocheva |
| 16:15 | Correlation of dietary intake of vitamin D and dental caries in adults living with obesity | <u>Maria Nikolova</u> ; Lilia Doichinova, Dimitar Kirov, Elka Radeva, Biser Stoichkov; Rositsa Popova |
| 16:20 | The role of Heat shock proteins α - β -crystallin in pregnant women with abnormal glucose tolerance | <u>Mariana Genova</u> , Katya Todorova-Ananieva, Kamelia Petkova |
| 16:25 | Triglyceride-Glucose-Body mass index and glucose homeostasis indices in gestational diabetes | <u>Mariana Genova</u> , K. Todorova, T Vlaykova, Tz. Daskalova |
| 16:30 | Micronutrient deficiencies in children with autism | <u>Melani Georgieva</u> , Mia Stoyanovska Teodor Andonov, Ruza Pancheva, Albena Toneva, Rozalina Braykova |
| 16:35 | Sialendoscopy as a therapeutic approach in sialolithiasis. | Tsvetelina Grigorova, <u>Patrisia Ilieva</u> , Daniel Petkov |
| 16:40 | Body Mass Index (BMI) - Predictor of diseases onset and regulator of prevention? | <u>Petya Hristova</u> , Magdalena Platikanova |
| 16:45 | Incidence of dental caries among adults with overweight and obesity in Sofia | <u>Rosica Popova</u> , Nikolova M, Doichinova L, Kirov D, Elka Radeva, Stoichkov B |
| 16:50 | A pilot study of the eating behavior of adolescents from Veliko Tarnovo, Bulgaria | <u>Rositsa Chamova</u> ; Dilyana Eneva |
| 16:55 | Knowledge about the effects of consuming milk and milk products - an online survey among Bulgarian citizens | <u>Rositsa Chamova</u> , Eva Hristova |
| 17:00 | Meteorological disasters - a challenge for the institutions and the population | <u>Rumyana Etova</u> , Desislava Todorova, Elena Valkanova |
| 17:05 | Voluntary behavior of students with medical specialties in a pandemic | <u>Silviya Kyuchukova</u> , Albena Andonova, Mima Nikolova, Magdalena Platikanova |
| 17:10 | Questions and discussion | |



22 October 2022, Saturday: 14.00 – 18.10 h
Eleventh Session – Section Organization and Control of Healthcare System,
Hall “Sofia”

Chair: Borislava Chakarova

Secretary: Galya Chamova

| Time | Title | Authors |
|-------|---|--|
| 14:00 | Dynamics in motivational orientation and professional values in medical professionals | <u>Silvia Tsvetkova</u> |
| 14:20 | Alcohol Consumption In Adolescence: The Role Of Adolescent And Parental Gender | <u>Galya Chamova</u> , Georgi Sarov |
| 14:30 | Kinesitherapeutic approach in a patient with myasthenia gravis - presentation of a clinical case | Miglena Mileva, Stanislava Bogomilova, <u>Yani Shivachev</u> |
| 14:40 | Quality of life in patients with total hip replacement - a pilot study | <u>Denitsa Grozdeva</u> , Evgenia Vladeva, Gergana Nenova, Veselinka Nestorova |
| 14:50 | The Role of Kinesitherapy in Polytraumatism, Clinical Case | <u>Gergana Nenova</u> , Paraskeva Mancheva, Mina Ivelinova |
| 15:00 | Biofeedback in some medical and non-medical fields | Dafina Kostadinova, Ivanka Sakareva, Elka Goranova, <u>Mariela Filipova</u> |
| 15:10 | Prevention of musculoskeletal injuries among outpatient care workers | <u>Marina Samuneva-Zhelyabova</u> , Lidiya Hristova, Karolina Lyubomirova |
| 15:20 | Redistributive Effect of the Household Health Expenditure in Bulgaria | <u>Nikolay Atanasov</u> |
| 15:30 | Coffee break | |
| 15:45 | Our experience in the student's training in health care for elderly people | <u>Petya Krumova</u> |
| 15:55 | COVID-19 and Sexually Transmitted Infections in Public Health – Impact, Lifestyle, Stigmatization, Management | <u>Rayna Gardeva</u> , Juliana Marinova, Galya Chamova |
| 16:05 | Flood Medical Response Shortfalls - Lessons Learned | <u>Rostislav Kostadinov</u> , Vasil Topalov |
| 16:15 | Postural Disorders In Childhood And Quality Of Life In Adulthood | <u>Ruska Paskaleva</u> |
| 16:25 | Establishment of a therapeutic relationship nurse – patient at patients with oncology diseases | Gergova Polya, <u>Stela Georgieva</u> , Eleonora Mineva |
| 16:35 | Possibilities of kinesitherapy in the complex treatment of Crohn's disease: presentation of a clinical case | Yani Shivachev, Paraskeva Mancheva |
| 16:45 | Training of employers and employees in workplace health promotion in Bulgaria - 7 years experience | <u>Stela Georgieva</u> |
| 16:55 | Possibilities of sanitary parasitology for identifying parasitic elements in the environment | <u>Borislava Chakarova</u> |
| 17:05 | Effects of the COVID-19 pandemic on public health in Bulgaria | <u>Mariela Kamburova</u> |
| 17:15 | Management of the health risk of developing musculoskeletal diseases in modern forms of work | Lidiya Hristova, <u>Karolina Lyubomirova</u> , Marina Samuneva-Zhelyabova |
| 17:25 | Problematic aspects and challenges faced by medical specialists working in Emergency Medical Care in Bulgaria. | <u>Deyana Todorova</u> , Albena Andonova |
| 17:30 | Increasing the professional competencies of nurses for working with children with disabilities in the process of deinstitutionalisation | <u>Albena Andonova</u> , Monika Obrejkova |



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| 17:35 | Factors for the spread of T. gondii-infection among risk groups | <u>Borislava Chakarova</u> , Katya Kichukova |
| 17:40 | Attitudes towards circular migration among Bulgarian health professionals | Maria Rohova, Nikolay Mihaylov, <u>Iliyana Georgieva</u> |
| 17:45 | Evaluation of the Bulgarian Healthcare System Efficiency | <u>Lyubomira Koeva-Dimitrova</u> , Elka Atanasova |
| 17:50 | Professional training of Bulgarian midwives - historical view | <u>Penka Gospodinova</u> , Boryana Parashkevova, Svetlana Dimitrova |
| 17:55 | COVID-19 Challenges to the GP Medical Infrastructure | <u>Vasil Topalov</u> , Rostislav Kostadinov |
| 18:00 | Questions and discussion | |

22 October 2022, Saturday: 14.00 – 18.15 h
Twelfth Session – Section Varia
Hall “Trakiya”

Chair: Donika Ivanova

Secretary: Rozalina Yordanova

| Time | Title | Authors |
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| 14:00 | Saturnism as a medical term - origin, etymology and early definition | <u>Radostina Yancheva</u> |
| 14:20 | Application of a combined methodology with tekarc therapy for non-specific pain in the lumbosacral region. | Margarita Avramova, Stamenka Mitova, <u>Dilyana Georgieva</u> |
| 14:30 | What stands behind the pathonym “ignis sacer” in the 11th century Latin pharmacological poem “De viribus herbarum” of Macer Floridus | <u>Kalina Boseva</u> |
| 14:40 | ERGON Technique for the therapy of a Plica syndrome | <u>Krasimira Zlatkova</u> ; Yuliyana Zlatkov |
| 14:50 | Methodology of kinesiotherapy for disc protrusions in the cervical region | Yuliyana Zlatkov, <u>Krasimira Zlatkova</u> |
| 15:00 | Pediatric flat feet - the unspoken problems | <u>Kristijan Stoychev</u> |
| 15:10 | Effect of capacitive and resistive electric transfer for non-specific low back pain. | <u>Margarita Avramova</u> , Stamenka Mitova, Dilyana Georgieva |
| 15:20 | Influence of the Ergon Technique on the proprioception of a patient with a bimalleolar fracture | <u>Nasko Valchev</u> , Mariya Gramatikova |
| 15:30 | Coffee break | |
| 15:45 | Effect of the Ergon Technique on static strength endurance in patients with bimalleolar fracture | <u>Nasko Valchev</u> , Mariya Gramatikova, Stamenka Mitova |
| 15:55 | Epidemiology of "O'Donoghue's Triad" | <u>Mariya Gramatikova</u> , Nasko Valchev, Stamenka Mitova |
| 16:05 | Soft tissue mobilization after surgical treatment of "O'Donoghue's Triad" | <u>Mariya Gramatikova</u> |
| 16:15 | Study Of The Awareness And Attitude Of Adults And Elderly People Regarding Vaccines And Vaccine Preventable Diseases | <u>Rozalina Yordanova</u> , Hristina Milcheva |
| 16:25 | High Body Mass Index – Potential Health Risk For Patients With Covid-19 Infection | <u>Tanya Popova</u> , Ivanka Stambolova, Radoslava Nenova, Dimitrina Blagoeva |



| Time | Title | Authors |
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| 16:35 | Pharmaceutical regulation of herbal medicinal products in the countries of European Union, USA, Canada and Japanese | <u>Bozhidarka Hadzhieva</u> , Valentina Petkova, Milen Dimitrov |
| 16:40 | Medico Social Rehabilitation Through Labor Therapeutic Activities In Children, Social Service Users | <u>Danelina Vacheva</u> , Iskra Petkova |
| 16:45 | Factors and conditions affecting children's immunity - a survey among parents | <u>Daniel Argilashki</u> , Anna Mihaylova, Bozhidarka Hadzhieva, Petya Kasnakova, Nina Koleva, Maria Semerdzhieva, Desislava Bakova |
| 16:50 | Constructive dimensions of the conflicts in hospital | <u>Ekaterina Raykova</u> , Maria Semerdjieva, Biyanka Tornyova, Yordanka Petrova |
| 16:55 | Knowledge and beliefs about homeopathy - a cross-sectional survey among Bulgarian population | <u>Eva Hristova</u> , Ivelina Hristova, Magdalena Bliznakova, Valentina Madzhova |
| 17:00 | Prevention of dental decay in preschool age | <u>Gergana Markova</u> , Rosica Tsankova-Mihaylova |
| 17:05 | Concerning the genotoxic potential of pesticides applied in agriculture | <u>Ivan Stoyanov</u> , Penka Vasileva, Teodora Staykova, Teodora Popova, Evgeniya N. Ivanova |
| 17:10 | Data on the toxic effect of some preservatives, colorings and sweeteners used in the food industry | Penka Vasileva, <u>Ivan Stoyanov</u> , Teodora Staykova, Teodora Popova, Vesela Mitkovska, Evgeniya N. Ivanova |
| 17:15 | Occupational health and safety hazards of hyperbaric facilities' staff | <u>Krasimira Tsankova</u> |
| 17:20 | Muscle strength evaluation after ACL reconstruction using isokinetic dynamometry (case report) | <u>Maria Ganeva</u> , Miglena Tsvetkova-Gaberska, Iliya Kanelov, Nevena Pencheva |
| 17:25 | Malaria prevention in Varna district | <u>Maria Panteleeva-Popova</u> , Hristianna Romanova, Nikolina Valkanova |
| 17:30 | Cognitive avoidance and fighting spirit in cancer patients | Silvia Tsvetkova, <u>Natalia Tschilingirova</u> |
| 17:35 | Polyphenolic and anti-oxidant content of extracts of Cannabis Sativa L. | <u>Nikolay Vetskov</u> , Nikoliy Kaloyanov, Maria Karsheva, Svetlomisir Diankov |
| 17:40 | Impact of some demographic factors on prevalence of underweight and overweight among Bulgarian preschool children | <u>Silviya Mladenova</u> , Emiliya Andreenko |
| 17:45 | Improving the qualities of traditional products by adding immunostimulating compounds | <u>Vanya Hambarliyska</u> , Nadezhda Petkova, Ivan Ivanov, Dragomira Buhalova, Iliana Tomova, Krastena Nikolova, Bogdan Goranov, Galya Gencheva |
| 17:50 | Pesticides induce DNA damage in somatic and germ cells of model biomonitor species | <u>Vesela Mitkovska</u> , Tsenka Chassovnikarova, Penka Vasileva, Ivan Stoyanov, Hristo Dimitrov, Plamen Petrov, Evgeniya N. Ivanova |
| 17:55 | Leading stressors among office workers | <u>Marina Samuneva-Zhelyabova</u> |
| 18:00 | Survey of pregnant and parturient women's awareness of neonatal screening for congenital diseases | <u>Anka Ivanova Nestorova</u> |
| 18:05 | Risk factors and longevity - regional characteristics | <u>Tanya Paskaleva</u> |
| 18:10 | Questions and discussion | |

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