



## 28-th Annual Assembly of IMAB and 5-th International Meeting of Alumni Club at Medical University Varna

**13 - 16 May 2018,**  
*Congress center, Hotel Admiral, Resort Golden Sands,  
Varna, Bulgaria*

**The forum is organized under Patronage of the Rector of the Medical University Varna, Prof. Dr. Kr. Ivanov**

### Organizing Committee:

Kr. Metodiev (President of IMAB), M. Arnaudova (Vice-President of IMAB),  
A. Kaprelyan (Vice-President of IMAB), G. Kyuchukov (Vice-President of IMAB),  
M. Abadzhiev (Secretary General of IMAB),  
**Technical Secretariat:** R. Nikolova, T. Totkova  
**Web-site of IMAB:** <http://www.imab-bg.org/>

### Scientific and Cultural Programme:

#### **13 May 2018:**

arrival, registration, accommodation, Hotel Admiral, Resort Golden Sands, Varna

#### **14 May 2018:**

9:00-9:30 - opening ceremony, greeting addresses, awards of IMAB  
**Seminar Room**, 2-nd floor, Hotel Admiral

#### 9:30-11:00 - **First Session Medicine:**

Chairs: Kr. Metodiev, R. Breidung, G. Kyuchukov,  
Secretary: N. Ermenlieva

### Lectures and short oral presentations:

#### **1)The Genomics of Breast Cancer?**

Vessela Kristinsen: *Inst. Cancer Research "Radium", Oslo, Norway*

#### **2)Focal therapy of prostate cancer**

Orlin Savov<sup>1</sup>, V. Mladenov<sup>2</sup>, D. Mladenov<sup>2</sup>, M. Tzvetkov<sup>2</sup>: <sup>1</sup>*Department of Urology at "St. Theresien Hospital", Nuremberg, Teaching Hospital of the University of Erlangen, Germany,* <sup>2</sup>*Department of Urology, Alexandrovska, Medical University, Sofia, Bulgaria*

#### **3)Thermo-denervation by back pain.**

Munther Sabarini, *Avicena Klinik, Berlin, Germany*

#### **4)ARena - a project for sustainable prevention of antibiotic resistances**

Ralph Breidung, *Nuremberg, Germany*

#### **5)Carotid hypersensitivity in patient with goiter disease**

Ivelin Koev, *Hadassah Univ.Hospital, Jerusalem, Israel*

**6)Ultrasound-guided technique in treatment of calcifying tendinitis of the shoulder**

Tsvetelina Mancheva-Gerova, Todor Gerov, Yosef Azraq, Yacob Sosna, Meir Liebergal: *Hadassah Univ.Hospital, Jerusalem, Israel*

**7)Pharmacotherapy education: are Bulgarian medical students adequately trained to prescribe drugs?**

Emil M. Gatchev, Andrey D. Petrov: *Medical University of Sofia, Medical Faculty, Department of Clinical pharmacology and therapeutics*

**8)The use of the DHAP-GCSF regimen for hematopoietic stem cell mobilization and transplant outcomes**

Igor Resnick<sup>1,2</sup>, Iliana Micheva<sup>2</sup>, Vladimir Gerov<sup>2</sup>, Stella Dimitrova<sup>2</sup>, Trifon Chervenkov<sup>2</sup>: <sup>1</sup>*Hadassah Univ.Hospital, Jerusalem, Israel, Medical University Varna*, <sup>2</sup>*Univ.Hospital St.Marina, Varna*

**11:00-11:15 - coffee break**

11:15-13:00 - **Second Session Medicine:**

Chairs: M. Arnaudova, O. Savov, K. Kaprelyan,

Secretary: T. Todorova

**Lectures and short oral presentations:**

**9)Reanimation of the human blood microbiome**

Stefan Panaiotov<sup>1</sup>, Georgi Filevski<sup>2</sup>, Michele Equestre<sup>3</sup>, Elena Nikolova<sup>4</sup>, Reni Kalfin<sup>5</sup>: <sup>1</sup>*National Center of Infectious and Parasitic Diseases, Sofia, Bulgaria*, <sup>2</sup>*First City Hospital, Sofia, Bulgaria*, <sup>3</sup>*Istituto Superiore di Sanita, Rome, Italy*, <sup>4</sup>*Institute of Experimental Morphology, Pathology and Anthropology, Bulgarian Academy of Sciences, Sofia, Bulgaria*, <sup>5</sup>*Institute of Neurobiology, Bulgarian Academy of Sciences, Sofia, Bulgaria*

**10)Knowledge and perception about antibiotics among patients of the Medical Institute – Ministry of the Interior**

Emma Keuleyan, Plamen Yovchevski, Boycho Moshev, Iliya Batashki: *Medical Institute – Ministry of the Interior, Bulgaria*

**11)Frequency and prevalence of allergic contact dermatitis in Bulgaria**

Joanna Velevska<sup>1</sup>, Razvigor Darlenski<sup>2</sup>, Romyana Yankova<sup>3</sup>, Sonya Marina<sup>1</sup>, Zhana Kazandjieva<sup>4</sup>:

<sup>1</sup>*Dept. Infection diseases, parasitology and dermatovenerology, Med.Univ. Varna*, <sup>2</sup>*Clinic of dermatology, Hospital Tokuda, Sofia*, <sup>3</sup>*Dept. Dermatology and venerology, Med.Univ. Plovdiv*, <sup>4</sup>*Dept. Dermatology and venerology, Med.Univ. Sofia*

**12)Comparative analysis in clinical course and outcome of Enterovirus and Infuenza virus infections of the Central Nervous System in the Clinic of Infectious Diseases of University Hospital Stara Zagora, Bulgaria**

Lilia Pekova<sup>1</sup>, Lyudmila N. Glomb<sup>2</sup>, Asya Stoyanova<sup>2</sup>, Zornitza Mladenova<sup>2</sup>, Nelly Corsun<sup>3</sup>, Damyan Petrov<sup>4</sup>:

<sup>1</sup>*Department of Hygiene, Infectious diseases and Epidemiology, section of Infectious diseases, Trakia University, Medical Faculty, Stara Zagora, Bulgaria*, <sup>2</sup>*National Reference Laboratory of Enteroviruses, National Center for Infectious and Parasitic Diseases, Sofia, Bulgaria*, <sup>3</sup>*National Reference Laboratory of Influenza viruses, National Center for Infectious and Parasitic Diseases, Sofia, Bulgaria*, <sup>4</sup>*Department of Social medicine and Health management, Trakia University, Medical Faculty*,

**13)Neuroimaging of dementia**

Ara Kaprelyan, P. Bochev, I. Dimitrov, K. Drenska, Al. Tzoukeva: *Department of Neurology and Neuroscience, Medical University, Varna*

**14)Geographic specificity of multidrug resistant *Mycobacterium tuberculosis* genotype in Bulgaria**

Stefan Panaiotov<sup>1</sup>, Elizabeta Bachiyiska<sup>1</sup>, Vladimir Milanov<sup>2</sup>, Todor Kantardjeiv<sup>1</sup>: <sup>1</sup>*National Center of Infectious and Parasitic Diseases, Sofia*, <sup>2</sup>*University Hospital of Respiratory Diseases “St. Sofia”, Sofia*

**15)Congenital cholesteatoma in adult non-identical twins associated with intracranial complication in one of them – a case report.**

Georgi Iliev<sup>1</sup>, Klaudia Ziolkowska<sup>2</sup>, Bogomil Iliev<sup>3</sup>: <sup>1</sup>*Department of ENT, University Hospital Saint Marina Varna, Bulgaria*; <sup>2</sup>*Multidisciplinary Emil Warmiński City Hospital in Bydgoszcz, Poland*; <sup>3</sup>*Department of Neurosurgery, University Hospital Saint Marina Varna, Bulgaria*

**16)Antimicrobial susceptibility of clinically significant isolates of *Klebsiella pneumoniae* recovered from patients, hospitalized in Varna University hospital, period 2014–2017**

Gergana Nedelcheva<sup>1</sup>, Romyana Markovska<sup>2</sup>, Milena Bozhkova<sup>1</sup>, Dobromira Dimitrova<sup>2</sup>, Temenuga Stoeva<sup>1</sup>:

<sup>1</sup>*Department of microbiology and virology, Varna Medical University*,

<sup>2</sup>*Department of medical microbiology, Sofia Medical University*

**13:00-14:00 - lunch break**

14:00-16:00 - **Third Session Dental Medicine:**

Chairs: M. Abadzhiev, Vl. Panov, St. Peev, Ts. Tonchev

Secretary: M. Balcheva

**Lectures and short oral presentations:**

**17)Prosthetic treatment in patients with cancer of the maxilla**

Ivan D. Gerdzhikov: *Department Prosthetic dentistry, Faculty Dental Medicine, Medical University Sofia*

**18)Posturological resources in dental medicine**

Mariana Dimova-Gabrovska: *Dept. Prosthetic Dentistry, Faculty Dental Medicine, Medical University Sofia*

**19)3D printing – an alternative of conventional crown fabrication: a case report**

Iveta Katreva<sup>1</sup>, Tsanka Dikova<sup>1</sup>, Diana Pavlova<sup>2</sup>, Maksim Simov<sup>2</sup>, Tsvetan Tonchev<sup>1</sup>: <sup>1</sup>*Department Prosthetic Dentistry, Faculty Dental Medicine, Medical University Varna,* <sup>2</sup>*Medical College, Medical University of Varna*

**20)An in vitro assessment of chelating properties of chitosan-citrate solution 0,6%**

Gyulbenkiyan E, Gusiyska A, Vassileva R, Dyulgerova E.: *Department Operative Dentistry and Endodontics, Faculty Dental Medicine, Medical University Sofia, Bulgaria*

**21)Clinical comparison of three methods for vestibuloplasty in the anterior part of the mandible**

Vasilena V. Ivanova, Ivan L. Chenchev, Tasho G. Gavrilov: *Oral surgery department, Faculty Dental medicine, Medical University Plovdiv*

**22)Assosiation between polycystic ovary syndrome and periodontal disease**

Alexander Donchev<sup>1,3</sup>, Diana Stoeva<sup>2</sup>, Mario Milkov<sup>2</sup>: <sup>1</sup>*Medical University Varna,* <sup>2</sup>*Department of Prosthetic Dentistry and Orthodontics, Faculty of Dental Medicine, Bulgaria,* <sup>3</sup>*Sociology Department, Faculty of Education, University Shoumen, Shoumen,Bulgaria*

**23)Management of a complex case of retained canine complicate with maxillar odontoma and mandibular hypodontia**

Svetlana V. Yordanova<sup>1</sup>, Ivan L. Chenchev<sup>2</sup>, Miroslava V. Yordanova<sup>1</sup>, Diana O. Oncheva<sup>1</sup>, Radka B. Cholakova<sup>2</sup>, Vasilena V. Ivanova<sup>2</sup>: <sup>1</sup>*Department of Orthodontics, Department Oral surgery, Faculty Dental Medicine, Medical University Plovdiv, Bulgaria*

**24)Contemporary 3D digital models vs. classic plaster cast in the orthodontic practice**

Greta Yordanova, Martin Mladenov,  
*Faculty Dental Medicine, Department Orthodontics, Medical University Sofia*

**16.00-16.15 - coffee break**

16.15-18.00 - **Fourth Session Dental Medicine:**

Chairs: M. Abadzhiev, Vl. Panov, St. Peev, Ts. Tonchev

Secretary: M. Balcheva

**POSTER PRESENTATIONS:**

**1.PD - METHODOLOGY FOR FABRICATION OF FORMING DENTURE WITH SILICONE BASE**

Ivan D. Gerdzhikov: *Department Prosthetic dentistry, Faculty Dental Medicine, Medical University Sofia*

**2.PD - METHODOLOGY OF PROSTHETIC TREATMENT IN PATIENTS WITH MAXILLECTOMY**

Ivan D. Gerdzhikov: *Department Prosthetic dentistry, Faculty Dental Medicine, Medical University Sofia*

**3.PD - EFFECTIVENESS OF THE ADJUNCTIVE APPLICATION OF THE CHLORHEXIDINE CHIP (PERIOCHIP®) COMPARED TO MECHANICAL PERIODONTAL THERAPY IN THE TREATMENT OF DEEP PERIODONTAL POCKETS. PART I: CLINICAL OUTCOMES**

Diana Yaneva, Kamen Kotsilkov, Christina Popova: *Department Periodontology, Faculty Dental Medicine, Medical University Sofia*

**4.PD - EFFECTIVENESS OF THE ADJUNCTIVE APPLICATION OF THE CHLORHEXIDINE CHIP (PERIOCHIP®) COMPARED TO MECHANICAL PERIODONTAL THERAPY IN THE TREATMENT OF DEEP PERIODONTAL POCKETS. PART II: MICROBIOLOGICAL OUTCOMES**

Diana Yaneva, Kamen Kotsilkov, Christina Popova: *Department Periodontology, Faculty Dental Medicine, Medical University Sofia*

**5.PD - ASSOCIATION BETWEEN OHI-S AND PBI-S AINAMO AND BAY IN CHILDHOOD**

Dobrinka M. Damyanova, Sirma Angelova, Teodora Targova-Dimitrova, Elena Dimova: *Department of Pediatric Dental Medicine, Department of Periodontology and Dental Implantology, Faculty of Dental Medicine, Medical University-Varna, Bulgaria*

**6.PD - USE OF CONE BEAM COMPUTED TOMOGRAPHY IN ENDODONTICS**

Slavena Svetlozarova<sup>1</sup>, Tsvetelina Borisova-Papancheva<sup>1</sup>, Georgi Papanchev<sup>2</sup>:

<sup>1</sup>*Department Conservative Dental Treatment and Oral Pathology, Faculty Dental Medicine, Medical*

*University Varna,* <sup>2</sup>*Dept. Oral and Maxillofacial Surgery, Faculty Dental Medicine, Medical University Varna*

**7.PD - COMPARISON OF ANTIBACTERIAL EFFECTIVENESS OF TWO IRRIGATING SOLUTIONS – SODIUM HYPOCHLORITE AND CHITOSAN-CITRATE – AN IN VITRO STUDY**

E. Gyulbenkiyan<sup>1</sup>, A. Gusiyska<sup>1</sup>, R. Vassileva<sup>1</sup>, R. Gergova<sup>2</sup>: <sup>1</sup>Department of Operative Dentistry and Endodontics, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria, <sup>2</sup>Department of Medical Microbiology, Medical Faculty, Medical University of Sofia, Bulgaria

**8.PD - CASE REPORT: THERMOGRAPHIC PROOF FOR ABSENT OF ALLERGIC REACTIONS IN THE CASE OF DERMOGRAPHISM**

Evgeni Stanev: Dept. Imaging&Oral Diagnostic, Faculty Dental Medicine, Medical University, Sofia, Bulgaria

**9.PD - SURFACE ROUGHNESS OF DENTAL COMPOSITE PROCESSED BY DIFFERENT TECHNIQUES**

Radostina Anastasova, Vladimir Panov, Tsanka Dikova: Department Conservative Dentistry and Oral Pathology, Faculty Dental medicine, Medical University Varna

**10.PD - ORAL HEALTH IMPACT PROFILE OF PATIENTS ENDODONTICALLY TREATED BY UNDERGRADUATE STUDENTS**

Emilia Karova, Irina Tsenova, Viktoria Petrova, Alexander Bonchev, Violeta Dogandzhiyska: Department Conservative Dentistry, Faculty Dental Medicine, Medical University, Sofia, Bulgaria

**11.PD - Patients' satisfaction after endodontic treatment provided by undergraduate students**

Emilia Karova, Irina Tsenova, Viktoria Petrova, Alexander Bonchev, Violeta Dogandzhiyska: Department of Conservative Dentistry, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria

**12.PD - Photodynamic therapy in the complex treatment of periodontal diseases: a review**

Teodora R. Targova-Dimitrova<sup>1</sup>, Sirma T. Angelova<sup>2</sup>, Stefan Vasilev Peev<sup>1</sup>, Dimitrichka D. Bliznakova<sup>3</sup>: Department of Periodontology and Dental Implantology<sup>1</sup>; Department of Pediatric Dentistry<sup>2</sup>, Faculty of Dental Medicine, Medical College<sup>3</sup>, Medical University-Varna

**13.PD - PHOTODYNAMIC THERAPY AS AN ITEM OF THE COMPLEX TREATMENT OF GINGIVITIS AND CHRONIC PERIODONTITIS**

Teodora R. Targova-Dimitrova<sup>1</sup>, Sirma T. Angelova<sup>2</sup>, Stefan Vasilev Peev<sup>1</sup>: Department of Periodontology and Dental Implantology<sup>1</sup>; Department Pediatric Dentistry<sup>2</sup>, Faculty Dental Medicine, Medical University-Varna

**14.PD - PREVENTION AND DIAGNOSIS OF DENTAL CARIES, PHOTSENSITIVE PROPERTIES AND PROPERTIES OF THE LIGHT SOURCE AT THE BEST DOSE OF PDT: A REVIEW**

Teodora R. Targova-Dimitrova<sup>1</sup>, Sirma T. Angelova<sup>2</sup>, Stefan Vasilev Peev<sup>1</sup>, Dobrinka M. Damyanova<sup>2</sup>: Dept. Periodontology and Dental Implantology<sup>1</sup>; Dept. Pediatric Dentistry<sup>2</sup>, Faculty Dental Medicine, Med Uni-Varna

**15.PD - PLAQUE CONTROL AMONG CHILDREN WITH DIAGNOSED NEPHROTIC SYNDROME AND HEALTHY CHILDREN**

Sirma T. Angelova<sup>1</sup>, Teodora R. Targova-Dimitrova<sup>2</sup>, Radosveta S. Andreeva<sup>1</sup>, Vladimir E. Panov<sup>3</sup>, Stefan V. Peev<sup>2</sup>, Dimitrichka D. Bliznakova<sup>4</sup>: Dept. of Pediatric Dentistry<sup>1</sup>, Dept. of Periodontology and Dental Implantology<sup>2</sup>, Dept. of Conservative Dentistry and Oral Pathology<sup>3</sup>, Faculty Dental Medicine<sup>1,2,3</sup>, Medical College<sup>4</sup>, Medical University-Varna

**16.PD - ORAL MUCOSAL LESIONS IN PATIENT WITH BULLOUS PEMPHIGOID- A RARE CASE AND LITERATURE REVIEW**

Elitsa Deliverska, Janet Kirilova, Latchezar Stefanov, Snejanka Topalova- Pirinska: Department of Oral and Maxillofacial Surgery- FDM, Medical University- Sofia, Department of Conservative dentistry and Endodontics - FDM, Medical University- Sofia

**17.PD - CLINICAL USE OF BOTULINUM TOXIN IN THE CONTEMPORARY ORAL AND MAXILLOFACIAL SURGERY- LITERATURE REVIEW**

Elitsa Deliverska<sup>1</sup>, Natali Tomeva<sup>1</sup>, Liudmil Peev<sup>2</sup>: <sup>1</sup>Department of Oral and Maxillofacial surgery, FDM, Medical University- Sofia, <sup>2</sup>Department of Plastic Surgery, Vita hospital

**18.PD - GINGIVAL CYST OF ADULTS- TWO CASE REPORTS AND LITERATURE REVIEW**

Elitsa Deliverska, Natali Tomeva: Department of Oral and Maxillofacial Surgery, Faculty of Dental Medicine, Medical University Sofia, Bulgaria

**19.PD - STUDY OF DIETARY INTAKE IN CHILDREN**

Mariana Dimova-Gabrovska<sup>1</sup>, Desislava Dimitrova<sup>2</sup>, Vladislav Mitronin<sup>3</sup>, Radosveta Andreeva-Borisova<sup>2</sup>:

<sup>1</sup>Department of prosthetic dentistry, Faculty of Dental Medicine, Medical University -Sofia, Bulgaria,

<sup>2</sup>Department of pediatric dentistry, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria,

<sup>3</sup>Department of prosthetic dentistry, Faculty of Dental Medicine, Moscow State University of Medicine and Dentistry, Russia

**20.PD - OUTCOMES OF THE APPLICATION OF PARTICULATED ALLOGENEIC BONE GRAFT BY GUIDED TISSUE REGENERATION**

Tsvetalina Gerova, Stefan Peev: Department of Periodontology and Dental Implantology, Faculty of Dental Medicine, Medical University-Varna

**21.PD - QUESTIONNAIRE SURVEY OF REMOVABLE PROSTHETIC TREATMENT IN CHILDREN**

Mariana Dimova-Gabrovska<sup>1</sup>, Desislava Dimitrova<sup>2</sup>, Vladislav Mitronin<sup>3</sup>, Radosveta Andreeva-Borisova<sup>2</sup>

<sup>1</sup>Department of prosthetic dentistry, Faculty of Dental Medicine, Medical University -Sofia, Bulgaria,

<sup>2</sup>Department of pediatric dentistry, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria,

<sup>3</sup>Department of prosthetic dentistry, Faculty of Dental Medicine, Moscow State University of Medicine and Dentistry, Russia

## **22.PD - ENDO-PERIODONTAL LESIONS - CONSERVATIVE TREATMENT OR SURGERY**

Tsvetalina Gerova, Mariya Miteva,

*Department of Periodontology and Dental Implantology, Faculty Dental Medicine, Medical University-Varna*

## **23.PD - IS THE NECESSITY OF PROLONGED SCREENING AND PROPHYLACTICS OF HEARING CAPACITY OF CHILDREN FROM VARNA KINDER-GARDENS PROVED?**

Alexander Donchev<sup>1,3</sup>, Mario Milkov<sup>2</sup>, Sijana Gradanska<sup>2</sup>, Georgi Kolev<sup>1</sup>, Julian Kostadinov<sup>3</sup>, Christiana Madjova<sup>6</sup>, Todorka Kostadinova<sup>3</sup>, Ludmil Matevi, Georgi Iliev<sup>5</sup>, A. Tzvetkova<sup>4</sup>: <sup>1</sup>Dept. Social Care, Faculty of Education, University Shoumen, Bulgaria, <sup>2</sup>Dept. Prosthetic Dentistry and Orthodontics, Faculty Dental Medicine, Medical University Varna, Bulgaria, <sup>3</sup>Dept. Economics and health care management, Faculty of Public Health, Medical University Varna, Bulgaria, <sup>4</sup>Dept. TRS "Assistant pharmacist", Medicine, Medical University Varna, Bulgaria, <sup>5</sup>Dept. ENT, Faculty Medicine, Medical University Varna, Bulgaria, <sup>6</sup>Dept. Conservative Dentistry and Oral Pathology, Faculty Dental Medicine, Medical University Varna

## **24.PD - CHANGES IN ROUGHNESS OF DIFFERENT MATERIALS USED FOR RELINING AND REPAIR OF REMOVABLE DENTURES AFTER CLEANING WITH VARIOUS HYGIENE MEANS**

Nikola Milanov<sup>1</sup>, Mariana Yankova<sup>1</sup>, Marco Kostadinov<sup>2</sup>, Silviya Simeonova<sup>2</sup>, Todor Uzunov<sup>3</sup>, Bojidar Yordanov<sup>4</sup>: <sup>1</sup>Dept. Prosthetic Dental Medicine, Faculty Dental Medicine, Medical University, Sofia, Bulgaria, <sup>2</sup>Laboratory Biophysical Chemistry, Faculty Chemistry and Pharmacy, Medical University, Sofia, Bulgaria, <sup>3</sup>Department of Prosthetic Dental Medicine, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria, <sup>4</sup>Department of Prosthetic Dental Medicine, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria

## **25.PD - MAKING OF AN UPPER COMPLETE PALATAL REDUCED DENTURE**

Nickolay Apostolov, Mariana Dimova, Rangel Todorov: *Department of Prosthetic Dental Medicine, Faculty Dental medicine, Medical University - Sofia*

## **26.PD - ORAL STATUS ASSESSMENT OF CHILDREN TREATED UNDER GENERAL ANESTHESIA**

Radosveta S. Andreeva-Borisova, Milena T. Georgieva-Dimitrova,  
*Pediatric dentistry, Faculty Dental medicine, Medical University- Varna*

## **27.PD - DEMOGRAPHIC CHARACTERISTICS OF CHILDREN TREATED UNDER GENERAL ANESTHESIA**

Radosveta S. Andreeva-Borisova: *Pediatric dentistry, Faculty Dental medicine, Medical University- Varna*

## **28.PD - ASSESSMENT OF DIFFERENT TYPES OF MATERIALS IN CHILDREN TREATED UNDER GENERAL ANESTHESIA**

Radosveta S. Andreeva-Borisova: *Pediatric dentistry, Faculty of dental medicine, Medical university- Varna*

## **29.PD - CARIES PREVALENCE IN CHILDREN AGED BETWEEN 12-18 YEARS OLD IN VARNA**

Milena T. Georgieva-Dimitrova: *Pediatric dentistry, Faculty of dental medicine, Medical university- Varna*

## **30.PD - CONTEMPORARY APPROACH TO ORAL HEALTH OF CHILDREN WITH TYPE 1 DIABETES MELLITUS**

Vanya K. Veleganova, Veselina K. Kondeva: *Department Pediatric Dental Medicine, Faculty of Dental medicine, Medical University – Plovdiv*

## **31.PD - THERMAL CHANGES AT DIODE LASER ROOT CANAL TREATMENT – CLINICAL INVESTIGATION**

Evgeniya Popova, Raya Grozdanova, Tsonko Uzunov: *Department of conservative dentistry, faculty of dental medicine, Medical University - Sofia, Bulgaria*

## **32.PD - PLACEBO-CONTROLLED SUBJECTIVE AND OBJECTIVE EVALUATION OF LASER ANALGESIA EFFICACY – A CASE REPORT**

Elitsa Veneva<sup>1</sup>, Aleksandra Isheva<sup>1</sup>, Tania Nihtianova<sup>1</sup>, Raycheva, R<sup>2</sup>, Ani Belcheva<sup>1</sup>,  
<sup>1</sup>Department Pediatric Dentistry, Faculty Dental Medicine, Medical University Plovdiv, <sup>2</sup>Department Social Medicine and Public Health, Faculty Public Health, Medical University Plovdiv, Bulgaria

## **33.PD - TREATMENT OF GINGIVAL RECESSION WITH HYPERSENSITIVITY USING FREE SOFT-TISSUE GRAFT PROCEDURES**

Denislav Emilov<sup>1</sup>, Elitsa Deliverska<sup>2</sup>, Natali Tomeva<sup>3</sup>: <sup>1</sup>Department of Periodontology, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria, <sup>2</sup>Department of Oral and Maxillofacial Surgery, Faculty of Dental Medicine, Medical University – Sofia, Bulgaria.

## **34.PD - MELANOPLAKIA ON THE GINGIVA OF THE MANDIBLE – A CASE REPORT**

Tanya Sbirnova<sup>1</sup>, Stanimir Kisselov<sup>1</sup>, Radka Cholakova<sup>1</sup>, Petia Pechalova<sup>1</sup>, Benjamin Anavi<sup>2</sup>: <sup>1</sup>Department of Oral Surgery, Faculty of Dental Medicine, Medical University- Plovdiv, <sup>2</sup>Pathologist on Private Practice

## **35.PD - IATROGENIC ROOT FRACTURE SECONDARY TO EXTRACTION OF IMPACTED MANDIBULAR THIRD MOLAR THAT IS MASKED BY SEVERE INFLAMMATION IN THE MAXILLOFACIAL REGION – A CASE REPORT**

Stanimir Kisselov, Tasho Gavrailov, Petia Pechalova: *Department of Oral Surgery, Faculty of Dental Medicine, Medical University – Plovdiv*

## **36.PD - CURRENT GUIDELINES FOR THE DETECTION OF HALITOSIS**

Nevena Rajchanova<sup>1</sup>, Vladimir Panov<sup>1</sup>, Mario Milkov<sup>2</sup>: <sup>1</sup>Department of Prosthetic Dentistry and Orthodontics, Faculty of Dental Medicine, Medical University Varna, Bulgaria, <sup>2</sup>Department of Conservative Dentistry and Oral Pathology, Faculty of Dental Medicine, Medical University Varna

**37.PD - SOCIAL-MEDICAL EFFICACY OF SCREENING PROGRAMMES FOR STUDYING OF OBSTRUCTIVE SLEEPING APNEA IN BIG BULGARIAN CITIES FROM NORTH-EASTERN BULGARIA**

Alexander Donchev<sup>1,3</sup>, Mario Milkov<sup>2</sup>, Sijana Gradanskal, Georgi Kolev<sup>1</sup>, Julian Kostadinov<sup>3</sup>, Christiana Madjova<sup>6</sup>, Todorka Kostadinova<sup>3</sup>, Ludmil Matevi, Georgi Iliev<sup>5</sup>, A. Tzvetkova<sup>4</sup>: <sup>1</sup>Department Social Care, Faculty of Education, University Shoumen, Shoumen, Bulgaria, <sup>2</sup>Department Prosthetic Dentistry and Orthodontics, Faculty Dental Medicine, Medical University Varna, Bulgaria, <sup>3</sup>Department Economics and health care management, Faculty of "Public health", Medical University Varna, Bulgaria, <sup>4</sup>Department TRS "Assistant pharmacist", Medicine, Medical University Varna, Bulgaria, <sup>5</sup>Department ENT, Faculty Medicine, Medical University Varna, Bulgaria, <sup>6</sup>Department Conservative Dentistry and Oral Pathology, Faculty Dental Medicine, Medical University Varna

**38.PD - PYOGENIC GRANULOMAS IN THE ORAL CAVITY**

Deyan Neychev<sup>1</sup>, Radka Cholakova<sup>1</sup>, Tanya Sbirikova<sup>1</sup>, Stanimir Kisselov<sup>1</sup>, Svitlana Bachurska<sup>2</sup>, Dimitar Atanasov<sup>1</sup>: <sup>1</sup>Department of Oral Surgery, Faculty of Dental Medicine, Medical University Plovdiv  
<sup>2</sup>Department of General and Clinical Pathology, Medical University Plovdiv

**39.PD - PREVALENCE OF SELF-REPORTED RESPIRATORY SYMPTOMS ASSOCIATED WITH DENTAL MATERIALS AMONG DENTAL STUDENTS.**

Iliyana Stoeva<sup>1</sup>, Kristina Mircheva<sup>2</sup>, Nikolay Georgiev<sup>2</sup>, Maria Dencheva<sup>3</sup>, Atanas Chonin<sup>4</sup>, Evgeni Stanev<sup>5</sup>:  
<sup>1</sup>Department of Radiology, Dental Allergology and Physiotherapy, Dental Faculty, Medical University Plovdiv,  
<sup>2</sup>Dental student, Dental Faculty, Medical University Plovdiv, <sup>3</sup>Department of Imaging and Oral Diagnostics, Dental Faculty, Medical University Sofia, <sup>4</sup>Department of Radiology, Dental Allergology and Physiotherapy, Dental Faculty, Medical University Plovdiv, <sup>5</sup>PhD student Department of Imaging and Oral Diagnostics, Dental Faculty, Medical University Sofia

**40.PD - PREVALENCE OF SELF-REPORTED SKIN SYMPTOMS ASSOCIATED WITH DENTAL MATERIALS AND PROTECTIVE GLOVES AMONG DENTAL STUDENTS.**

Iliyana Stoeva<sup>1</sup>, Nikolay Georgiev<sup>2</sup>, Kristina Mircheva<sup>2</sup>, Maria Dencheva<sup>3</sup>, Evgeni Stanev<sup>5</sup>, Atanas Chonin<sup>4</sup>:  
<sup>1</sup>Department of Radiology, Dental Allergology and Physiotherapy, Dental Faculty, Medical University Plovdiv,  
<sup>2</sup>Dental student, Dental Faculty, Medical University Plovdiv, <sup>3</sup>Department of Imaging and Oral Diagnostics, Dental Faculty, Medical University Sofia, <sup>4</sup>Department of Radiology, Dental Allergology and Physiotherapy, Dental Faculty, Medical University Plovdiv, <sup>5</sup>PhD student Department of Imaging and Oral Diagnostics, Dental Faculty, Medical University Sofia

**41.PD - APPLICATION OF LABORATORY CROWNS IN CHILDHOOD – SOCIOLOGICAL STUDY**

Mariana Dimova-Gabrovska<sup>1</sup>, Desislava Dimitrova<sup>2</sup>, Nikolay Apostolov<sup>1</sup>: <sup>1</sup>Department of Prosthetic Dentistry, Faculty of Dental Medicine, Medical University Sofia, <sup>2</sup>Department of Pediatric Dentistry, Faculty Dental Medicine. Medical University Sofia

**42.PD - NEW METHOD OF REMOVING OF CRIES DECAY WITH BRIX 3000 – PRELIMINARY STUDY**

Janet Kirilova, Aleksandur Naidenov, Veselina Liondeva, Snejanka Topalova-Pirinska, Department of Conservative Dentistry, Dental faculty, Medical University Sofia

**43.PD - INCIDENCE AND SIGNIFICANCE OF LARINGEAL CARCINOMA**

Ts. Marinov<sup>1</sup>, M. Belitova<sup>1</sup>, T. Popov<sup>2</sup>, D. Konov<sup>2</sup>, M. Tsekova-Chernopolska<sup>2</sup>, Alexander Donchev<sup>3</sup>, Mario Milkov<sup>3</sup>, Georgi Kolev<sup>4</sup>, Antoaneta Tzvetkova<sup>3</sup>: <sup>1</sup>Department of Anaesthesiology and Intensive Care; University Hospital „Queen Giovanna-ISUL“, Medical University Sofia, Bulgaria; <sup>2</sup>Department ENT Surgery; University Hospital „Queen Giovanna-ISUL“, Medical University Sofia; <sup>3</sup>Medical University Varna, Bulgaria, <sup>4</sup>University Shoumen, Shoumen, Bulgaria

**19.30 - ??? - Welcome reception, Seminar room, Hotel Admiral**

**15 May 2018:**

9.00-11.00 - **Fifth Session Medicine:**

Chairs: Pl. Panayotov, B. Popov, St. Ivanov

Secretary: Ts. Mancheva

**Lectures and short oral presentations:**

**25)ECMO – Powerful Weapon in the Battle for Our Patients’ Life. One year experience.**

Andrey Andreev: Hadassah Univ. Hospital, Jerusalem, Israel

**26)Chasing the culprit. Aortic dissection type A Stanford, presented as acute inferior ST-elevation myocardial infarction.**

Ivaylo R. Tonchev, Eyal Klein, Ilgar Tahiroglu, Chaim Lotan, Mony Shuvy: Hadassah Univ. Hospital, Jerusalem, Israel

**27) Association between acute respiratory infection and acute myocardial infarction: a clinical case**  
Darina Miteva, Yordan Radkov, Vanya Kostadinova: *Department of Pulmonology and Allergology, Medical faculty, Medical University Varna, Bulgaria*

**28) Sarcoidosis Presenting with Inguinal Lymph Nodes Enlargement: A Case Report**

Vanya Kostadinova, Yordan Radkov, Darina Miteva: *Department of Internal Diseases, ES Pulmonary Diseases and Allergology, Medical University of Varna*

**29) Geographic specificity of multidrug resistant *Mycobacterium tuberculosis* genotype in Bulgaria**

Stefan Panaiotov<sup>1</sup>, Elizabeta Bachiyiska<sup>1</sup>, Vladimir Milanov<sup>2</sup>, Todor Kantardjeiv<sup>1</sup>: <sup>1</sup>*National Center of Infectious and Parasitic Diseases, Sofia*, <sup>2</sup>*University Hospital of Respiratory Diseases "St. Sofia", Sofia*

**30) Modulation of CYP3A4 isoenzyme by methylxanthines. Is there a threat of drug interactions?**

Maya Radeva-Ilieva<sup>1</sup>, Iliya Jelevev<sup>2</sup>, Kaloyan Georgiev<sup>2</sup>: <sup>1</sup>*Department of Pharmacology, toxicology and pharmacotherapy, Faculty of Pharmacy, Medical University of Varna*, <sup>2</sup>*Department of Pharmaceutical technologies, Faculty of Pharmacy, Medical University of Varna*

**31) Diagnostic criteria for cryo-ablation as a concomitant to open heart surgery procedure**

Plamen Panayotov<sup>1</sup>, Daniela Panayotova<sup>1</sup>, Yavor Peychev<sup>1</sup>, Vladimir Kornovski<sup>1</sup>, Georgi Batchvarov<sup>1</sup>, Milen Slavov<sup>1</sup>, Emil Yordanov<sup>2</sup>, Veselin Petrov<sup>2</sup>: <sup>1</sup>*Department of Cardiac Surgery, St. Marina University Hospital, Medical University Varna*, <sup>2</sup>*Department Vascular Surgery, St. Marina University Hospital, Medical University*

**32) Surgical aspects of operative treatment of patients with secondary mitral regurgitation**

Plamen Panayotov<sup>1</sup>, Daniela Panayotova<sup>1</sup>, Yavor Peychev<sup>1</sup>, Vladimir Kornovski<sup>1</sup>, Georgi Batchvarov<sup>1</sup>, Milen Slavov<sup>1</sup>, Emil Yordanov<sup>2</sup>, Veselin Petrov<sup>2</sup>: <sup>1</sup>*Department of Cardiac Surgery, St. Marina University Hospital at the Medical University – Varna*, <sup>2</sup>*Department of Vascular Surgery, St. Marina University Hospital at the Medical University*

**33) ECG and echocardiographic postoperative follow-up of patients with open heart surgery and concomitant cryo-ablation**

Daniela Panayotova<sup>1</sup>, Plamen Panayotov<sup>1</sup>, Yavor Peychev<sup>1</sup>, Vladimir Kornovski<sup>1</sup>, Milen Slavov<sup>1</sup>, Georgi Batchvarov<sup>1</sup>, Emil Yordanov<sup>2</sup>, Veselin Petrov<sup>2</sup>: <sup>1</sup>*Department of Cardiac Surgery, St. Marina University Hospital at the Medical University – Varna*, <sup>2</sup>*Department of Vascular Surgery, St. Marina University Hospital*

**34) Modern treatment of endometrium cancer: analysis of our and foreign experience**

Stefan Ivanov: *Department of Obstetrics and Gynecology, Medical University – Varna*,

**35) Transvaginal laparoscopy – a new way in managing endometriosis**

Atanas K. Aleksandrov: *Department of Obstetrics and Gynecology, Medical University Varna*

**36) Multidisciplinary cooperation between complementary and conventional medicine with patient suffering from myofascial pain syndrome – A case report**

Yani Shivachev, Denitsa Grozdeva, Paraskeva Mancheva: *Department of physiotherapy, rehabilitation, thalassotherapy, occupational diseases, Medical University Varna*

**37) A case of heterotopic pregnancy after frozen embryotransfer**

Simona Anzhel<sup>1,2</sup>, Emil Kovachev<sup>1,2</sup>, Stefan Kisyov<sup>1,2</sup>, Atanas Aleksandrov<sup>1,2</sup>, Kateliya Aleksandrov<sup>2</sup>, Dimityr Kazakov<sup>2</sup>: <sup>1</sup>*Department of Obstetrics and gynecology, Medical University, Varna*, <sup>2</sup>*SBAGAL "Prof. Dr. Dimitar Stamatov", Varna*

**38) Alternative diets and health**

Bojidar Popov: *Medical University, Sofia*

**39) Mobility of nursing specialists for the improvement of their professional skills and competences**

Aneta Dokova<sup>1</sup>, Silviya Borisova<sup>2</sup>, Todorka Kostadinova<sup>3</sup>, Svetlana Panayotova<sup>1</sup>: <sup>1</sup>*Department of International Relations*, <sup>2</sup>*Department of Nursing Care, Faculty of Public Health*, <sup>3</sup>*Department of Economics and Healthcare Management, Faculty of Public Health, Medical University Varna*

**40) Challenges for the training of health professionals through international university partnerships**

Aneta Dokova: *Department of International Relations, Medical University Varna*

**41) Corporate social responsibility of pharmaceutical companies as a catalyzer of effective teams' development,**

Yuliyana Kostadinov, Plamen Rusev, Zhivko Kolev, Emanuela Moutafova: *Medical University Varna*

**42) Strategies for health workforce balancing – European models and possibilities for implementation in Bulgaria,**

Todorka Kostadinova, Emanuela Moutafova, Aleksandar Donchev, Iliyana Georgieva: *Medical University Varna*

**43) The role of communications for sustainability of international partnerships in the field of healthcare and education,**

Todorka Kostadinova, Aneta Dokova, Svetlana Panayotova, Siyana Smoletsova, Silvana Dobreva, Vanya Marinova: *Medical University Varna*

**44) Communication challenges between health and social sectors in the process of delivering of health services and social assistance,**

Todorka Kostadinova, Galina Petrova, Aneta Dokova, Aleksandar Donchev, Ivan Popov: *Medical University Varna*

11.00-11.15 - **coffee break**

11.15-13.00 - **Sixth Session Medicine: Orthopedics and traumatology:**

Chairs: A. Asparuhov, D. Boshnakov, K. Mihov, D. Raikov

Secretary: A. Tabakov

**45)Primary total knee arthroplasty in case of a large bony defect of the tibia in varus knee.**

Asparuh Asparuhov, Jordan Valeshkov, Iskren Gerasimov, Hasan Ajsoj: *Department of Orthopedics, Medical University Pleven, Bulgaria*

**46)Extended proximal femoral osteotomy (EPO) for revision hip arthroplasty.**

Asparuh Asparuhov, Jordan Valeshkov, Georgi Dimitrov, Iskren Gerasimov: *Department of Orthopedics, Medical University Pleven, Bulgaria.*

**47)Biomechanics of Femoral Neck Fracture Osteosynthesis Construct**

Orlin Filipov: *Orthopedic Department, Vitosha Hospital, Sofia*

**48)Single proximal incision technique for endoscopic carpal tunnel release – a retrospective study of complications and surgical experience in 640 cases.**

Asparuh Asparuhov, Iskren Gerasimov, Hasan Ajsoj: *Department Orthopedics, Med. Univ. Pleven, Bulgaria*

**49)Intraosseous endoscopy in the management of benign bone tumors**

Asparuh Asparuhov, Savelina Popovska, Hasan Ajsoj: *Department of Orthopedics, Medical University Pleven, Bulgaria.*

**50)Epidemiology of meniscal injuries: three years of experience.**

Marin Pl. Marinov: *Department of Orthopedics and traumatology, Medical University-Varna*

**51)Regional muscle plastic surgery in vast soft-tissue defects of armpit and shank after severe transport accidents**

Diko Boshnakov, Tihomir Papurov, Lubisha Blazhevski: *Clinic of Orthopedics and Traumatology, Medical University Varna,*

**52)Anatomy of calcaneal region and its relevance to operative fracture treatment**

Stoyan I. Ivanov, Georgy Kulchev, Martin Barnev, Dimitur Raykov: *Department of Orthopedics and traumatology, Medical University Varna*

**53)Methods of operative treatment of calcaneal fractures**

Stoyan I. Ivanov, Georgy Kulchev, Martin Barnev, Dimitur Raykov: *Department of Orthopedics and traumatology, Medical University Varna*

**54)Treatment of infected total hip arthroplasty with factory articulating spacers**

Atanas Tabakov; Kalin Mihov; Maksim Zagorov; Svetoslav Dobrilov; Aleksander Gospodinov: *Department Orthopaedic and traumatology, Saint Marina Hospital, Medical University, Varna*

**55)Operative techniques for hand flexor tendon repair**

Stoyan Ivanov, Georgi Kulchev, Dimitar Raikov, Martin Burnev: *University Hospital St. Anna, Medical University, Varna*

**56)Biomechanical principles of shoulder joint as a base of postfracture endoprosthesis**

Ivailo Mitkovski, Nikolay Kolarov: *Department Orthopedics, Medical University, Varna, Bulgaria*

**57)Surgical approach with shoulder endoprosthesis: own experience**

Ivailo Mitkovski, Nikolay Kolarov: *Department Orthopedics, Medical University, Varna, Bulgaria*

13.00-14.00 - **lunch break**

14.00-16.00 - **Seventh Session Medicine and Health Management:**

**Jubilee Session-Round table, dedicated to 25 years Health Care Management in Bulgaria and establishment of the specialty “Healthcare Management” at the Medical University Varna**

**General topic: “Management, Teams and Communication for Better Health Care”**

Moderators: T. Kostadinova, A. Parvanova, E. Moutafova, O. Savov, K. Kaprelyan, B. Popov, Kr. Metodiev, L. Pekova, I. Koev, I. Tonchev, A. Andreev, T. Gerov, Ts. Mancheva, S. Popov, V. Kristensen, D. Kamburov, A. Mirchev, N. Feschieva, L. Havezova, M. Sabarini,

16.00-16.15 - **coffee break**



16.15-17.30 - **Ninth Session: Medicine and Pharmacy:**

Chairs: M. Arnaudova, D. Ivanova, T. Stoeva, A. Kaprelyan,

Secretary: G. Tsankova

### **POSTERS PRESENTATIONS:**

#### **1.PM - ASSESSING THE PRESENCE OF MARINE TOXINS IN BIVALVE MOLLUSKS IN RELATION TO HUMAN HEALTH**

Zlatina Peteva, Stanislava Georgieva, Anelia Gerasimova, Mona Stancheva, Lubomir Makedonski:  
*Department of Chemistry, Faculty of Pharmacy, Medical University Varna*

#### **2.PM - BLACK SEA RAPANA VENOSA - A PROMISING SOURCE OF ESSENTIAL LIPIDS**

Veselina Panayotova, Albena Merdzhanova, Diana A. Dobрева, Rositsa Stancheva: *Department of Chemistry, Faculty of Pharmacy, Medical University of Varna*

#### **3.PM - PULMONARY ARTERY PRESSURE BEFORE AND AFTER MITRACLIP.**

Ivaylo Tonchev, Anna Turyan Medvedovsky, Ilgar Tahiroglu, Chaim Lotan, Dan Gilon, David Planer, Haim D. Danenberg, Ronen Beer, Mony Shuvy: *The Heart institute, Hadassah Medical Center, Ein Kerem, Jerusalem, Israel*

#### **4.PM - COMPLICATED DIVERTICULAR DISEASE CLINICALLY MIMICKING PELVIC TUMOR.**

Dariya L. Chivchibashi<sup>1,2</sup>, Lilqna N. Petkova<sup>1</sup>, Pavel S. Pavlov<sup>1</sup>, Ilko T. Plachkov<sup>3</sup>: <sup>1</sup>*Department of General and Clinical pathology, Forensic Medicine and Deontology,* <sup>2</sup>*Department of Pathophysiology, Medical University Varna,* <sup>3</sup>*Department of Surgery, Medical University Varna*

#### **5.PM - DATA STORAGE MANAGEMENT IN BULGARIAN HOSPITALS ACCORDING TO HEALTHCARE PROFESSIONALS**

Damyant Petrov<sup>1</sup>, Galina Mratzkova<sup>2</sup>, Liliya Pekova<sup>3,5</sup>, Nedko Dimitrov<sup>4,5</sup>, Irena Mladenova<sup>3</sup>: <sup>1</sup>*Department of Social Medicine and Health Management, Medical Faculty, Trakia University, Stara Zagora, Bulgaria* <sup>2</sup>*Department of Medical Rehabilitation and Ergotherapy, Physical medicine and Sport, Medical Faculty, Trakia University, Stara Zagora, Bulgaria,* <sup>3</sup>*Department of Hygiene, Epidemiology and Infectious Diseases, Medical Faculty, Trakia University, Stara Zagora, Bulgaria,* <sup>4</sup>*Department of Orthopaedics and Traumatology, Medical Faculty, Trakia University, Stara Zagora, Bulgaria,* <sup>5</sup>*University Hospital Prof. Dr. St. Kirkovich, Stara Zagora, Bulgaria*

#### **6.PM - APPLICATION OF INTRAVENOUS LIPID EMULSIONS IN LIPOPHILIC DRUG POISONINGS**

Gabriela Kehayova, Snezha Zlateva, Petko Marinov  
*Department of Pharmacology, toxicology and pharmacotherapy, Faculty of Pharmacy*

#### **7.PM - REGIONAL MUSCLE PLASTIC SURGERY IN VAST SOFT-TISSUE DEFECTS OF ARMPIT AND SHANK AFTER SEVERE TRANSPORT ACCIDENTS**

Diko Boshnakov, Tihomir Papurov, Lubisha Blazhevski  
*Clinic of Orthopedics and Traumatology-Varna*

#### **8.PM - OPTICAL PROPERTIES OF PALM SYRUP BY USING METHODS OF APPLIED PHOTONICS**

Poli Radusheva, Krastena Nikolova, Nadejda Petkova, Radoslava Gabrova  
*Department of physics and biophysics, Medical University-Varna,*  
*Department of Organic Chemistry and Inorganic Chemistry, University of Food Technologies, Plovdiv*

#### **9.PM - LUPUS VASCULITIS.**

Desislava Tsvetanova, Klimentina Gospodinova, Hristina Haidudova, Verka Pavlova, Maya Alexieva, Milen Karaivanov, Ivelina Yordanova, Dimitar Gospodinov  
*Department of Dermatology, venereology and allergology, Medical University Pleven, Bulgaria*

#### **10.PM - CONGENITAL NASOLACRIMAL DUCT OBSTRUCTION: EPIDEMIOLOGY AND RISK FACTORS**

Krasina P. Valcheva, Emilia K. Krivoshiyska  
*Department of Otolaryngology, Faculty of Medicine, Medical University – Pleven*

#### **11.PM - GENDER DIFFERENCES IN COMORBIDITIES OF HEART FAILURE PATIENTS FOR THE PERIOD 2010-2014**

Nadezhda Hvarchanova<sup>1</sup>, Marieta Georgieva<sup>1</sup>, Branimir Kanazirev<sup>2</sup>: <sup>1</sup>*Department of Pharmacology, Toxicology and Pharmacotherapy, Faculty of Pharmacy, Medical University, Varna, Bulgaria,* <sup>2</sup>*Department of Propaedeutics of Internal Diseases, Faculty of Medicine, Medical University, Varna, Bulgaria*

#### **12.PM - CONCURRENT CONTACT SENSITIZATION TO METALS IN DENTAL EXPOSURES IN BULGARIA**

Maya G. Lyapina<sup>1</sup>, Maria S. Dencheva<sup>2</sup>, Mariana Cekova<sup>2</sup>, Mariela S. Deliverska<sup>3</sup>, Angelina I. Kisselova<sup>2</sup>: <sup>1</sup>*Medical College "Yordanka Filaretova", Medical University, Sofia, Bulgaria,* <sup>2</sup>*Department of Oral and Image Diagnostic, Faculty of Dental Medicine, Medical University, Sofia, Bulgaria,* <sup>3</sup>*Department of Medical Ethics and Law, Faculty of Public Health, Medical University, Sofia, Bulgaria*

#### **13.PM - PILOT STUDY OF SERUM PROINFLAMMATORY CYTOKINES LEVELS IN PATIENTS TREATED WITH DENTAL IMPLANTS**

Maya Lyapina<sup>1</sup>, Mariana Cekova<sup>2</sup>, Georgy Nikolov<sup>3</sup>, Radoslava Grozdanova<sup>3</sup>, Mariela Deliverska<sup>4</sup>, Angelina Kisselova<sup>2</sup>: <sup>1</sup>*Medical University Sofia, Bulgaria, Medical College "Y. Filaretova",* <sup>2</sup>*Medical University Sofia,*

Bulgaria, Faculty of Dental Medicine, Department "Oral and Image Diagnostic", <sup>3</sup>National Center of Infectious and Parasitic Diseases, Sofia, Bulgaria, <sup>4</sup>Medical University - Sofia, Bulgaria, Faculty of Public Health, Department "Medical Ethics and Law"

**14.PM - ANTIFUNGAL ACTIVITY OF LACTIC ACID BACTERIA, ISOLATED FROM (*MYTILUS GALLOPROVINCIALIS LAM.*) IN THE BULGARIAN BLACK SEA AQUATORY**

Sevginar F. Ibrjamova, Elitsa Tz. Stanachkova, Radoslav I. Ivanov, Tsveteslava V. Ignatova-Ivanova  
Faculty of Natural Sciences, Biology, University of Shumen

**15.PM - RISK FACTORS FOR CYTOMEGALOVIRUS INFECTION DURING PREGNANCY**

Anton G. Petrov<sup>1</sup>, Miroslava I. Dimitrova<sup>1</sup>, Milena D. Karcheva<sup>2</sup>, Alexander Bozhidarov Blazhev<sup>3</sup>, Elitsa H. Gyokova<sup>1</sup>, Iordan D. Popov<sup>1</sup>: <sup>1</sup>Department of obstetrics and gynecology, Medical University-Pleven, Bulgaria, <sup>2</sup>Department of epidemiology, Medical University-Pleven, Bulgaria, <sup>3</sup>Department of biology, Medical University-Pleven, Bulgaria

**16.PM - ASSESSMENT OF THE BENEFITS OF TAKING HERBAL MEDICINES AND SUPPLEMENTS TO OVERCOME THE SYMPTOMS OF MENOPAUSE**

Neli M. Ermenlieva<sup>1</sup>, Krasimira S. Laleva<sup>2</sup>, Yordanka Y. Mihaylova<sup>3</sup>, Emiliq P. Georgieva<sup>3</sup>, Tsvetelina K. Popova<sup>3</sup>, Darina N. Hristova<sup>1</sup>: <sup>1</sup>Department of Preclinical and Clinical Sciences, Medical University Varna, <sup>2</sup>Department of Social Medicine and Organization of Health Care, Medical University Varna, <sup>3</sup>Educational sector Medical Laboratory Assistant, Medical College – Varna

**17.PM - ATTITUDES TOWARD FLU VACCINATION IN VARNA, BULGARIA**

Neli M. Ermenlieva<sup>1,2</sup>, Todor R. Raykov<sup>2</sup>, Tatina T. Todorova<sup>1</sup>, Mariya A. Rostamloo<sup>3</sup>, Milena A. Petkova<sup>3</sup>, Gabriela S. Tsankova<sup>1</sup>: <sup>1</sup>Department of Preclinical and Clinical Sciences, Medical University Varna, <sup>2</sup>National Association for Prevention and Therapeutic Education, <sup>3</sup>Student, Educational sector Medical Laboratory Assistant, Medical College – Varna

**18.PM - ROLE OF ANTI-EA-(D) IGM AND ANTI-EA-(D) IGG TESTS IN PATIENTS WITH PRIMARY EBV INFECTION, LYMPHOMAS AND IMMUNOSUPPRESSION**

Tsvetelina Kostadinova<sup>1</sup>, Lilia Ivanova<sup>1</sup>, Tatina Todorova<sup>2</sup>, Zhivka Stoykova<sup>1</sup>, Denitsa Tsaneva<sup>1</sup>: <sup>1</sup>Dept. Microbiology, <sup>2</sup>Dept. Preclinical and clinical sciences, Medical University Varna

**19.PM – USE OF ANTI-EBNA1 IGG ELISA TESTS**

Tsvetelina Kostadinova<sup>1</sup>, Lilia Ivanova<sup>1</sup>, Tatina Todorova<sup>2</sup>, Zhivka Stoykova<sup>1</sup>, Denitsa Tsaneva<sup>1</sup>: <sup>1</sup>Dept. Microbiology, <sup>2</sup>Dept. Preclinical and clinical sciences, Medical University Varna

**20.PM – ANALYSIS OF INFECTIOUS MONONUCLEOSIS CLINICAL CASES IN VARNA REGION (2010-2016)**

Tsvetelina Kostadinova<sup>1</sup>, Lilia Ivanova<sup>1</sup>, Tatina Todorova<sup>2</sup>, Zhivka Stoykova<sup>1</sup>, Denitsa Tsaneva<sup>1</sup>: <sup>1</sup>Dept. Microbiology, <sup>2</sup>Dept. Preclinical and clinical sciences, Medical University Varna

**21.PM – A POLYPHARMACY SELF-POISONING CASE: AN ACUTE COMBINED INTOXICATION WITH CLOZAPINE, MIRTAZAPINE AND SERTRALINE.**

Georgi Bonchev, Ivelina Stefanova, Marieta Yovcheva, Snezha Zlateva, Petko Marinov: Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital – Varna, Military Medical Academy, Bulgaria

**22.PM – VARIABILITY OF THE TOXIC CEREBRAL SYNDROME IN PATIENTS WITH HIGH BLOOD ETHANOL LEVELS AND CORRESPONDING DEONTOLOGICAL PROBLEMS**

Marieta Yovcheva, Snezha Zlateva, Petko Marinov, Georgi Bonchev, Ivelina Stefanova: Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital – Varna, Military Medical Academy, Bulgaria

**23.PM – DRIVING AND DRUG ABUSE: NORTHEASTERN BULGARIA, 2017.**

Georgi Bonchev, Snezha Zlateva, Petko Marinov, Marieta Yovcheva, Ivelina Stefanova: Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital – Varna, Military Medical Academy, Bulgaria

**24.PM – A FATAL COMBINED SELF-POISONING WITH TWO ACETYLCHOLINESTERASE INHIBITOR TYPE PESTICIDES.**

Snezha Zlateva, Petko Marinov, Georgi Bonchev, Marieta Yovcheva, Viktor Georgiev, Ivelina Stefanova: Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital Varna, Military Medical Academy, Bulgaria

**25.PM – AURELIA AURITA AND RHISOSTOMA PULMO STINGS IN BLACK SEA, VARNA REGION. FIFTEEN YEARS OF CLINICAL OBSERVATIONS.**

Snezha Zlateva, Georgi Bonchev, Petko Marinov, Marieta Yovcheva, Ivaylo Vazharov: Clinic for Intensive Treatment of Acute Intoxications and Toxicallergies, Naval Hospital – Varna, Military Medical Academy, Bulgaria

**26.PM – IN VITRO DRUG RELEASE AND EX VIVO PERMEATION STUDIES ON DIFFERENT INDOMETHACIN SEMI-SOLID FORMULATIONS**

Tsvetelina S. Stefanova, Ivelin R. Iliev<sup>1</sup>, Nadezhda A. Ivanova<sup>2</sup>: <sup>1</sup>Faculty of Pharmacy, MU Varna, <sup>2</sup>Department of Pharmaceutical technologies, Faculty of Pharmacy, MU Varna,

**27.PM – AMYOTROPHIC LATERAL SCLEROSIS AND EFFECTS OF VIBRATIONS**

V. Nestorova<sup>1</sup>, B. Ivanov<sup>1</sup>, I. Dimitrov<sup>1</sup>, K. Drenska<sup>1</sup>, A. Kaprelyan<sup>1</sup>, A. Yankova<sup>2</sup>

<sup>1</sup>First Neurologic clinic, <sup>2</sup>Second Neurologic clinic, Univ. Hosp. St. Marina, Medical University Varna

**28.PM – CONTAMINATION WITH TOXOCARA SPP. EGGS OF ENVIRONMENTAL SAMPLES OF PUBLIC PLACES OF VARNA CITY, BULGARIA**

Tatyana Cvetkova<sup>1</sup>, Kalina Stoyanova<sup>1</sup>, Tsonko Paunov<sup>2</sup>: <sup>1</sup>Department of Infectious Diseases, Parasitology and Dermatovenerology, Faculty of Medicine, Medical University – Varna, Bulgaria, <sup>2</sup>Department of Hygiene and Epidemiology, Faculty of Public Health, Medical University – Varna, Bulgaria

**29.PM - EQUIVALENCE TESTING OF TWO IRBESARTAN CONTAINING DRUG PRODUCTS (TABLETS) USING PHARMACOKINETIC ENDPOINTS**

Andrey D. Petrov, Emil M. Gatchev: Department of Clinical pharmacology and therapeutics, Medical Faculty, Medical University of Sofia,

**30.PM - EQUIVALENCE TESTING OF TWO BRIMONIDINE CONTAINING DRUG PRODUCTS (EYE DROPS) USING PHARMACODYNAMIC ENDPOINTS**

Andrey D. Petrov, Emil M. Gatchev: Department of Clinical pharmacology and therapeutics, Medical Faculty, Medical University of Sofia,

**31.PM - CAFFEINE CONSUMPTION AMONG WORKERS WITH PSYCHO-EMOTIONAL RISK FACTORS**

Teodora T. Dimitrova, Darina Naydenova, Panayot Nikolov: Hygiene and Epidemiology, Department of Preclinical Sciences,

**32.PM - COMPUTER VISION SYNDROME – REVIEW AND METHODS FOR ASSESSMENT**

Panayot N. Nikolov, Teodora T. Dimitrova, Zornica I. Zlatarova

Hygiene and Epidemiology, Faculty of Public Health

Ophthalmology and Visual Sciences, Faculty of Medicine, Medical University of Varna

**33.PM - EFFECTS OF ETHANOL ON ANTIOXIDANT ENZYMES IN PREADIPOCYTE AND MACROPHAGE CELL CULTURES**

Todorka Sokrateva, Yoana Kiselova, Milena Pasheva, Milka Nashar, Oskan Tasinov, Miglena Todorova, Diana Ivanova: Department of Biochemistry, molecular medicine and Nutrigenomics, Faculty of Pharmacy, Medical University of Varna

**34.PM - THE ASSESSMENT OF MENTAL WELL-BEING IN PATIENTS WITH ANXIETY DEPRESSIVE SPECTRUM DISORDERS.**

Antonia Kondova<sup>1</sup>, Anna Todorova<sup>1</sup>, Antoaneta Tsvetkova<sup>2</sup>, Silvia Mihaylova<sup>2</sup>, Mariana Arnaoudova<sup>3</sup>, Desislava Vankova<sup>4</sup>: <sup>1</sup>Faculty of Pharmacy, Medical University - Varna, Bulgaria, <sup>2</sup>Medical College, Medical University Varna, Bulgaria, <sup>3</sup>Department of psychiatry and medical psychology, Medical University Varna, Bulgaria, <sup>4</sup>Department of Social Medicine and Organization of Health, Medical University - Varna, Bulgaria

**35.PM - PATIENTS WITH ANXIETY DISORDERS AND THEIR COMPLIANCE WITH MEDICATION.**

Antonia Kondova<sup>1</sup>, Anna Todorova<sup>1</sup>, Antoaneta Tsvetkova<sup>2</sup>, Silvia Mihaylova<sup>2</sup>, Mariana Arnaoudova<sup>3</sup>, Desislava Vankova<sup>4</sup>: <sup>1</sup>Faculty of Pharmacy, Medical University - Varna, Bulgaria, <sup>2</sup>Medical College, Medical University Varna, Bulgaria, <sup>3</sup>Department of psychiatry and medical psychology, Medical University - Varna, Bulgaria, <sup>4</sup>Department of Social Medicine and Organization of Health, Medical University - Varna, Bulgaria

**36.PM - ANTIBIOTIC RESISTANCE - CHALLENGES AND FUTURE.**

Silvia Mihaylova<sup>1</sup>, Antoaneta Tsvetkova<sup>1</sup>, Anna Todorova<sup>2</sup>, Antonia Kondova<sup>2</sup>, Mariana Arnaoudova<sup>3</sup>:

<sup>1</sup>Medical College, Medical University - Varna, Bulgaria, <sup>2</sup>Faculty of Pharmacy, Medical University Varna, Bulgaria, <sup>3</sup>Department of psychiatry and medical psychology, Medical University - Varna, Bulgaria

**37.PM - FEELING OF HAPPINESS IN PATIENTS WITH MULTIPLE SCLEROSIS AND COMORBIDITY**

Kalina V. Drenska<sup>1</sup>, Ara G. Kaprelyan<sup>1</sup>, Tihomir V. Drenski<sup>1</sup>, Veselinka D. Nestorova<sup>3</sup>, Ivan N. Dimitrov<sup>2</sup>, Alexandra J. Tzoukeva<sup>1</sup>, Dobromir V. Panov<sup>1</sup>, Stela G. Atanasova<sup>1</sup>, Nermin N. Syuleyman<sup>1</sup>: <sup>1</sup>Department of Neurology and Neuroscience, Medical University, Varna; <sup>2</sup>Department of Nursing Care, Sliven Affiliate, Medical University, Varna; <sup>3</sup>Department of physiotherapy, rehabilitation, thalassotherapy and occupational diseases, Medical University, Varna.

**38.PM - PERIOULAR METASTASIS ASSOCIATED WITH COLORECTAL CARCINOMA: A CASE REPORT**

Zornitsa Zlatarova<sup>1</sup>, Anna Ilieva<sup>2</sup>, Ivan Krasnaliev<sup>2</sup>: <sup>1</sup>Department of Ophthalmology and Visual Sciences, Medical University, Varna, <sup>2</sup>Department of General and Clinical Pathology, Medical University, Varna

**39.PM – OCCUPATIONAL LEAD EXPOSURE AND COGNITIVE FUNCTION IN OLDER ADULTS**

V. Nestorova<sup>1</sup>, B. Ivanov<sup>1</sup>, I. Mircheva<sup>2</sup>, I. Dimitrov<sup>1</sup>, A. Kaprelyan<sup>1</sup>, K. Drenska<sup>1</sup>, A. Yankova<sup>1</sup>

<sup>1</sup>First Neurologic clinic, Medical University Varna, Bulgaria, <sup>2</sup>Department of Social Medicine and Healthcare Organization, Medical University Varna, Bulgaria

**40.PM – REACTION MECHANISMS FOR SYNTHESIS OF IMIDAZOLE DERIVATIVES**

Svetlana F. Georgieva<sup>1</sup>, Sylvia Y. Atanasova-Stamova<sup>1</sup>, Maya B. Georgieva<sup>2</sup>: <sup>1</sup>Department of Pharmaceutical Sciences and Pharmaceutical Management, Faculty Pharmacy, Medical University Varna, <sup>2</sup>Department Pharmaceutical chemistry, Faculty Pharmacy, Medical University Sofia

**41.PM – POSSIBLE APPROACHES FOR SYNTHESIS AND MODIFICATION OF THE STRUCTURE OF RXR-SELECTIVE RETINOIDS**

Nadya Agova<sup>1</sup>, Svetlana Georgieva<sup>1</sup>, Yana Koleva<sup>2</sup>: <sup>1</sup>Department of Pharmaceutical Sciences and Pharmaceutical Management, Faculty of Pharmacy, Medical University of Varna, <sup>2</sup>Department of Organic chemistry, University of “Prof. Asen Zlatarov” – Burgas

**42.PM – HEALTHCARE PROVIDERS' READINESS FOR REACTION IN CASE OF INCIDENT WITH WEAPONS OF MASS DESTRUCTION.**

Elena Valkanova, Rostislav Kostadinov, Romyana Etova, Marya Georgieva: *Epidemiology and Disaster Medicine Department, Faculty of public health, Medical University of Plovdiv*

**43.PM – GLA PROTEINS – THE WARNING SIGN FOR YOUR BLOOD VESSELS**

Yulian Snegarov, Bistra Galunska: *Biochemistry, Molecular Medicine and Nutrigenomics, Faculty of Pharmacy, Medical University of Varna*

**44.PM – PARENTAL INFLUENCES ON ADOLESCENT GIRLS' EATING BEHAVIOR**

Elena Pencheva<sup>1</sup>, Darina Naydenova<sup>2</sup>: <sup>1</sup>*Department Hygiene&Epidemiology, Faculty Medicine, Medical University Varna*, <sup>2</sup>*Department preclinical and clinical sciences, Faculty pharmacy, Medical University Varna*

**45.PM – MICROBIOLOGICAL ANALYSIS AND ASSESSMENT OF COASTAL BATHING WATERS IN REGION VARNA**

Gabriela St. Tsankova<sup>1</sup>, Elyana P. Ivanova<sup>2</sup>, Rumen P. Kostadinov<sup>2</sup>, Tatina T. Todorova<sup>1</sup>, Neli M. Ermenlieva<sup>1</sup>: <sup>1</sup>*Department of preclinical and clinical sciences, Faculty of pharmacy, Medical University Varna*, <sup>2</sup>*Department of hygiene and epidemiology, Faculty of public health, Medical University of Varna*

**46.PM – EFFECT OF DRYING AND FROZEN STORAGE ON POLYPHENOL CONTENT AND ANTIOXIDANT ACTIVITY OF *SAMBUCUS EBULUS* BERRIES.**

Miglena Todorova, Bistra Galunska, Yoana Kiselova: *Department of Biochemistry, Molecular medicine and Nutrigenomics, Faculty of Pharmacy, Medical University – Varna*

**47.PM – ASPECTS OF THE NUTRITIONAL STATUS OF CHILDREN WITH ADOLESCENT IDIOPATHIC SCOLIOSIS**

Dimitar Marinov, Darina Najdenova, Teodora Dimitrova: *Department of Hygiene and Epidemiology, Medical University – Varna*

**48.PM – CONSUMERS' ATTITUDES TOWARDS THE USE OF HERBAL MEDICINES AND HERBAL SUPPLEMENTS IN NORTHEASTERN BULGARIA**

Nadya Agova, Galina Petrova, Svetlana Georgieva, Ivo Kumanov: *Department of Pharmaceutical sciences and pharmaceutical management, Faculty of Pharmacy, Medical University, Varna*

**49.PM – FACTORS WITH IMPACT ON BONE HEALTH IN ADOLESCENTS IN VARNA**

Darina Nydenova, Teodora Dimitrova: *Department of clinical and preclinical sciences, Faculty of pharmacy, Medical University Varna*

**50.PM – NON-AUDITORY EFFECTS OF NOISE ON SEAFARERS**

Teodora Dimitrova, Panayot Nikolov, Zornitsa Zlatarova: *Department of hygiene and epidemiology, Faculty of public health, Medical University of Varna*

*Ophthalmology and Visual Sciences, Faculty of Medicine, Medical University of Varna*

**51.PM - TRANSCATHETER AORTIC VALVE IMPLANTATION IN A PATIENT WITH PROSTHETIC MITRAL VALVE- CLINICAL CASE**

Veselin Valkov<sup>1</sup>, Dobrin Kalchev<sup>1</sup>, Atanas Kostadinov<sup>1</sup>, Yavor Kashlov<sup>2</sup>, Branimir Kanazirev<sup>2</sup>: <sup>1</sup>*First Clinic of Cardiology, UMHAT "St. Marina", Faculty of Medicine, Medical University, Varna, Bulgaria*, <sup>2</sup>*Department of Internal Medicine, Faculty of Medicine, Medical University, Varna, Bulgaria*

**52.PM - SNARE MANEUVER FOR MANAGEMENT OF LOW TAVI IMPLANTATION - CLINICAL CASE**

Veselin Valkov<sup>1</sup>, Dobrin Kalchev<sup>1</sup>, Atanas Kostadinov<sup>1</sup>, Yavor Kashlov<sup>2</sup>, Branimir Kanazirev<sup>2</sup>: <sup>1</sup>*First Clinic of Cardiology, UMHAT "St. Marina", Faculty of Medicine, Medical University, Varna, Bulgaria*, <sup>2</sup>*Department of Internal Medicine, Faculty of Medicine, Medical University, Varna, Bulgaria*

**53.PM - DURABILITY OF BIOLOGICAL PROSTHESES USED FOR MANAGEMENT OF DEGENERATIVE AORTIC STENOSIS – TAVR VS. SAVR**

Veselin Valkov<sup>1</sup>, Dobrin Kalchev<sup>1</sup>, Atanas Kostadinov<sup>1</sup>, Yavor Kashlov<sup>2</sup>, Branimir Kanazirev<sup>2</sup>: <sup>1</sup>*First Clinic of Cardiology, UMHAT "St. Marina", Faculty of Medicine, Medical University, Varna, Bulgaria*, <sup>2</sup>*Department of Internal Medicine, Faculty of Medicine, Medical University, Varna, Bulgaria*

**54.PM - PROFESSIONAL ACTIVITY AND PROFESSIONAL DEFORMATIONS – DEFINITION, CHARACTERISTICS**

Stanislava Peneva<sup>1</sup>, Veselin Valkov<sup>2</sup>: <sup>1</sup>*Faculty of Health Care, Medical University, Varna, Bulgaria*, <sup>2</sup>*First Clinic of Cardiology, UMHAT "St. Marina", Faculty of Medicine, Medical University, Varna, Bulgaria*

**55.PM - ASSESSING SALIVARY CORTISOL IN RESEARCH OF SHIFT WORK RISKS AMONG CASINO EMPLOYEES IN BULGARIA**

Vlayko Vodenicharov, Irena Ivanova, Konstantin Mitov, Teodora Dimitrova: *Hygiene, Medical Ecology and Nutrition, Medical University Sofia, Hygiene and Epidemiology, Faculty of Public Health, Department of Preclinical Sciences, Faculty of Pharmacy*

**56.PM - WATERBORNE AND FOODBORNE CYANOBACTERIAL TOXINS: POTENTIAL FOR BIOTERRORIST ATTACK**

Iglika D. Marinova<sup>1</sup>, Miroslav D. Marinov<sup>2</sup>, Hristianna A. Romanova<sup>1</sup>, Nikolina R. Radeva<sup>1</sup>, Darina N. Hristova<sup>3</sup>, Radko Z. Radev<sup>2</sup>, Andrey A. Zabunov<sup>4</sup>: <sup>1</sup>*Dept. Disaster medicine and maritime medicine, Faculty Public health, Medical University Varna*, <sup>2</sup>*Dept. Physiology and Pathophysiology, Faculty Medicine, Medical University Varna*, <sup>3</sup>*Dept. Preclinical and clinical sciences, Faculty Public health, Medical University Varna*, <sup>4</sup>*Dept. General medicine and clinical laboratory, Faculty Public health, Medical University Varna*

**57.PM - WATERBORNE AND FOODBORNE CYANOBACTERIAL TOXINS WHIT POTENTIAL FOR BIOTERRORIST ATTACK: SPREAD**

Iglika D. Marinova<sup>1</sup>, Miroslav D. Marinov<sup>2</sup>, Hristianna A. Romanova<sup>1</sup>, Nikolina R. Radeva<sup>1</sup>, Darina N. Hristova<sup>3</sup>, Radko Z. Radev<sup>2</sup>, Andrey A. Zabunov<sup>4</sup>: <sup>1</sup>Dept. Disaster medicine and maritime medicine, Faculty Public health, Medical University Varna, <sup>2</sup>Dept. Physiology and Pathophysiology, Faculty Medicine, Medical University Varna, <sup>3</sup>Dept. Preclinical and clinical sciences, Faculty Public health, Medical University Varna, <sup>4</sup>Department General medicine and clinical laboratory, Faculty Public health, Medical University Varna

**58.PM - WATERBORNE AND FOODBORNE CYANOBACTERIAL TOXINS WHIT POTENTIAL FOR BIOTERRORIST ATTACK: RESISTANCE**

Iglika D. Marinova<sup>1</sup>, Miroslav D. Marinov<sup>2</sup>, Hristianna A. Romanova<sup>1</sup>, Nikolina R. Radeva<sup>1</sup>, Darina N. Hristova<sup>3</sup>, Radko Z. Radev<sup>2</sup>, Andrey A. Zabunov<sup>4</sup>: <sup>1</sup>Dept. Disaster medicine and maritime medicine, Faculty Public health, Medical University Varna, <sup>2</sup>Dept. Physiology and Pathophysiology, Faculty Medicine, Medical University Varna, <sup>3</sup>Dept. Preclinical and clinical sciences, Faculty Public health, Medical University Varna, <sup>4</sup>Dept. General medicine and clinical laboratory, Faculty Public health, Medical University Varna

**59.PM - EFFECTS OF ACUTELY APPLIED CANNABINOID CB1 LIGANDS ON LOCOMOTOR ACTIVITY OF RATS WITH A MODEL OF DEPRESSION**

Dobrinka Doncheva<sup>1</sup>, M. Marinov<sup>1</sup>, R. Tashev<sup>2</sup>, M. Velikova<sup>1</sup>: <sup>1</sup>Medical University Varna, <sup>2</sup>Medical University Sofia

**60.PM - EVALUATION OF THE EFFECT OF TIME INTERVAL ON SOME BEHAVIORAL CHANGES OBSERVED AFTER OLFATORY BULBECTOMY**

Dobrinka Doncheva<sup>1</sup>, R. Tashev<sup>2</sup>, M. Velikova<sup>1</sup>: <sup>1</sup>Medical University – Varna, <sup>2</sup>Medical University - Sofia

**61.PM - CONTAMINATION WITH TOXOCARA SPP. EGGS OF ENVIRONMENTAL SAMPLES OF PUBLIC PLACES OF VARNA CITY, BULGARIA.**

Tatyana Cvetkova<sup>1</sup>, Kalina Stoyanova<sup>1\*</sup>, Tsonko Paunov<sup>2</sup>: <sup>1</sup>Department of Infectious Diseases, Parasitology and Dermatovenereology, Faculty of Medicine, Medical University Varna, Bulgaria, <sup>2</sup>Department of Hygiene and Epidemiology, Faculty of Public Health, Medical University Varna, Bulgaria

**62.PM - REHABILITATION STRATEGY IN STROKE PATIENTS**

Verjina Simeonova<sup>1</sup>, Boyko Stamenov<sup>1</sup>, Svetoslav Vutev<sup>2</sup>: <sup>1</sup>Department Neurology and Neurosurgery, Medical University Pleven, <sup>2</sup>Dept. Physiotherapy and rehabilitation medicine, Medical University Pleven

**63.PM - NEUROLOGICAL, ELECTROMYOGRAPHY AND LABORATORY CORRELATIONS IN DIABETIC PATIENTS**

Verjina Simeonova<sup>1</sup>, Boyko Stamenov<sup>1</sup>, Georgi Dimitrov<sup>1</sup>, Adelaida Ruseva<sup>2</sup>: <sup>1</sup>Department Neurology and Neurosurgery, Medical University Pleven, <sup>2</sup>Department Central Clinical laboratory, Medical University Pleven

**64.PM - CHANGES IN ELECTROMYOGRAPHIC ACTIVITY AFTER BOTULINUM TOXIN INJECTION IN RECTUS FEMORIS OF PATIENTS WITH HEMIPARESIS WALKING WITH STIFF KNEE GAIT.**

Gergana Gecheva: Medical Center Physiotherapy and Rehabilitation, Pavel Banya, Bulgaria

**65.PM - PATHOPHYSIOLOGY OF THE THERMAL TRAUMA: WHAT WE KNOW?**

Minka Hristova<sup>1</sup>, Ganka Bekyarova<sup>1</sup>, Maria Tzaneva<sup>2,3</sup>, Dariya Chivchibashi<sup>1,3</sup>: <sup>1</sup>Dept. of Physiology and Pathophysiology, Medical University of Varna, Bulgaria, <sup>2</sup>Dept. of Preclinical and Clinical Sciences, Medical University Varna, Bulgaria, <sup>3</sup>Dept. of General and Clinical Pathology, Forensic Science and Deontology, Medical University Varna, Bulgaria

**66.PM - ROLE OF NRF2 IN GASTRIC MUCOSAL PROTECTION.**

Minka Hristova<sup>1</sup>, Ganka Bekyarova<sup>1</sup>, Maria Tzaneva<sup>2,3</sup>, Dariya Chivchibashi<sup>1,3</sup>, Yoana Kiselova-Kaneva<sup>4</sup>: <sup>1</sup>Department of Physiology and Pathophysiology, Medical University of Varna, Bulgaria, <sup>2</sup>Department of Preclinical and Clinical Sciences, Medical University of Varna, Bulgaria, <sup>3</sup>Department of General and Clinical Pathology, Forensic Science and Deontology, Medical University of Varna, Bulgaria, <sup>4</sup>Department of Biochemistry, Molecular Medicine and Nutrigenomics, Medical University of Varna; Varna 9002, Bulgaria

**67.PM - COMPARATIVE ANALYSIS OF SALIVARY CELLULAR COMPOSITION IN PATIENTS WITH CHRONIC GASTROINTESTINAL DISEASES**

Mariana Yordanova<sup>1</sup>, Daniela I. Gerova<sup>1</sup>, Antoniya Atanasova<sup>2</sup>, Bistra T. Galunska-Kalcheva<sup>3</sup>: <sup>1</sup>Dept. General medicine and clinical laboratory, <sup>2</sup>Department Anatomy and Cell Biology, Faculty Medicine; <sup>3</sup>Dept. biochemistry, molecular medicine and nutrigenomics, Faculty Pharmacy; Medical University Varna

**68.PM - PHARMACISTS PREVENTING ADVERSE DRUG INTERACTIONS CONNECTED WITH MEDICAL ABORTION**

<sup>1</sup>Dimitar Marinov, <sup>2</sup>Gergana Josifova, <sup>1,2</sup>Evgeni Grigorov: <sup>1</sup>National Center for Public Health and Analyses, Sofia, <sup>2</sup>Faculty of Pharmacy, Medical University-Varna

**69.PM - GERSTMANN SYNDROME IN A YOUNG MAN: A CASE REPORT**

Stela G. Atanasova, Ivan N. Dimitrov, Ara G. Kaprelyan, Kalina V. Drenska: Department of Neurology and Neuroscience, Prof. Paraskev Stoyanov Medical University, Varna, Department of Nursing, Sliven Affiliate, Prof. Paraskev Stoyanov Medical University, Varna

**70.PM - MENAGEMENT OF RECURRENCES OF HYDATIDOSIS**

Krasimira Kalinova  
Special surgery, Pediatric surgery, Medical faculty, Thracian University, Stara Zagora

17.30-18.00 - **General Assembly of IMAB and Alumni Club at the Medical University - Varna**

19.30 - ??? - *Wine party, Seminar room, Hotel Admiral*

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