

Programme for the Science and Youth 2021 Conference

Friday, 09.04.2021

17:45 – 18:00 – Opening

18:00 – 19:00 – Plenary lecture of prof. Davor Plavec, MD: “Impedance pneumography: a new tool to support clinical decision making for preschool children with recurrent wheeze” – *in English*

Clarification: All sessions begin with the presenters in English and then follow those in Bulgarian. First are the oral presentations and then come the e-posters – given in this list in red. The works to be presented in Bulgarian are deliberately given here in Bulgarian to avoid misunderstandings.

Saturday, 10.04.2021

08:00 – 11:30 – Biomedical session

(08:00 – 10:55 – in English; 10:55 – 11:30 – in Bulgarian)

NEUROIMAGING TECHNIQUES AND BIOMARKERS IN CONTEMPORARY PSYCHIATRY – KATRIN ARYUTOVA

THE HEALTH IMPLICATION OF HYPERSENSITIVITY REACTIONS IN ADMINISTRATION OF VACCINES AND THE POSSIBLE IMPACT ON COVID-19 VACCINATION – AMITA SINGARAVELOU

LONG-TERM EFFECTS OF Δ^9 -TETRAHYDROCANNABINOL IN HEMP (CANNABIS SATIVA) ON THE ENDOCANNABINOID SYSTEM AND THE EPIGENOME AND THE RESULTING EFFECTS – TEODOR LOLOVSKI

DON'T BE SEX 'XY' WITH SARS-COV-2 – WHAI HO CHUI

DIAGNOSTIC IMAGING OF LUNG CHANGES AT DIFFERENT STAGES OF COVID19 INFECTION – ANNA VASILSKA

SACCHAROMYCES CEREVISIAE - A GOLDEN-STANDARD MODEL FOR RESEARCH IN THE BIOLOGY OF AGEING – MARIA DAFEVA

DEVELOPMENT OF NOVEL APPROACHES FOR COMET ASSAY RESULTS VISUALIZATION – PENYO IVANOV

CT CORONAROGRAPHY IMAGING OF SUSPECTED ISCHEMIC CARDIAC DISEASE:A CASE REPORT OF LCA NARROWING - SEVDHAN METUH-DURMUSH

3D BIOPRINTED TUMOR ORGANELLES FROM COLORECTAL CANCER AS A MODEL SYSTEM FOR EX VIVO STUDIES OF CHEMOTHERAPEUTICS – YORDAN SBIRKOV

BASAL CELL CARCINOMA - A TUMOR WITH MANY FACES – NEVENA ILIEVA

HYDROCEPHALUS, LEADING TO SIGNIFICANT ALTERATIONS IN THE ANTHROPOMETRIC INDEXES OF THE BRAIN AND SKULL - PRESENTATION OF TWO ANATOMICAL CASES – TEODOR LOLOVSKI

MELATONIN – FOR HEALTHY AND PEACEFUL SLEEP, BUT NOT ONLY! – ATI KAFEDZHIEVA

SARCOIDOSIS - A SHORT REVIEW AND PRESENTATION OF A CLINICAL CASE WITH PULMONARY SYMPTOMS – KATERINA MIHAYLOVA

HEMODIALYSIS PATIENTS AND VIRAL HEPATITIS – VANYA RANGELOVA

ATYPICAL COURSE OF THE MEDIAN NERVE IN THE AXILLARY FOSSA – IVAN SITNIKOV

ADRENAL GLAND RIM ENHANCEMENT – AN IMAGING PROGNOSTIC FACTOR IN SEPTIC PATIENTS – MAGDALENA BELYANOVA

POSTMORTEM DESTRUCTION OF THE HUMAN BODY BY ANIMAL ACTIVITY. CASE REPORT – BILIANA MILEVA

CONGENITAL RENAL ANOMALY – HORSESHOE KIDNEY. CASE REPORT – МИHAELA GEORGIEVA

НЕПРЕДУМИШЛЕН ДОПИНГ- РИСКОВЕ И ПРЕВЕНЦИЯ – ХРИСТИНА СТОЙНОВА

“ЗА И ПРОТИВ МАРИХУАНАТА В МЕДИЦИНСКАТА ПРАКТИКА” – СТОЯН ИВАНОВ

ОСТРА ТОКСИЧНОСТ НА ЕТЕРИЧНО МАСЛО ОТ TANACETUM VULGARE, L. ВЪРХУ ПЛЪХОВЕ – РОСИЦА КАРОВА

ВЗАИМНО ПОВЛИЯВАНЕ НА ЕКЗОГЕННИ НЕВРОТРАСМИТЕРИ И ИЗОХИНОЛИНОВИ ПРОИЗВОДНИ ПРИ ВЪЗДЕЙСТВИЕ ВЪРХУ ИЗОЛИРАНИ ГЛАДКО-МУСКУЛНИ –ВЕРА ГЛЕДАЧЕВА

11:30 – 11:50 – Coffee break

11:50 – 13:30 – Therapeutic session

(11:50 – 12:55 – in English; 12:55 – 13:30 – in Bulgarian)

LIPID PROFILE CHANGES AFTER THYROIDECTOMY – LYUBOSLAV DIMOV

SUBJECTIVE ASSESSMENT OF DEPRESSION AND ANXIETY, COGNITIVE FUNCTIONS, DAYTIME SLEEPINESS, INSOMNIA, ADVERSE EVENTS FROM TREATMENT, SLEEP QUALITY AND QUALITY OF LIFE IN NEWLY DIAGNOSED PATIENTS WITH EPILEPSY ON LEVETIRACETAM MONOTHERAPY – ORLINA CHANEVA

SUBACUTE THYROIDITIS AFTER ASYMPTOMATIC SARS-COV-2 INFECTION – ALEXANDER BOTUSHANOV

ONCOLOGICAL DISEASES AND THE ORIENTATION TO THE OTHERS – ANGEL TENEV

ACUTE PANCREATITIS AS A COMPLICATION OF COVID19 INFECTION- CASE REPORT – ANNA VASILSKA

SERUM CONCENTRATION OF CHEMERIN IN PATIENTS WITH RHEUMATOID ARTHRITIS –
EMANUELA VASILEVA

COMPARISON BETWEEN BMI, SERUM LIPIDS AND ATHEROGENIC INDICIS IN PREMENOPAUSAL
WOMEN ON LEVOTHYROXINE AND TSH BELOW OR ABOVE 2.5 MIU/L – Antoaneta Argatska

АКТХ-НЕЗАВИСИМА ФОРМА НА СИНДРОМ НА КУШИНГ - КЛИНИЧЕН СЛУЧАЙ – Величка
Златарева

АМИОДАРОН АСОЦИИРАНО ПРЕДСЪРДНО МЪЖДЕНЕ-КЛИНИЧЕН СЛУЧАЙ – Иван
Катерински

ORAL CONTRACEPTION AND ANTERIOR OCULAR SURFACE HOMEOSTASIS - Vesela Ivancheva

A RARE COEXISTENCE OF PAPILLARY THYROID CARCINOMA AND TOXIC THYROID ADENOMA: A
CASE REPORT – Elena Chobankova

13:30 – 14:15 – Lunch break

**14:15 – 15:00 – Plenary lecture of Petko Prodanov, MD: “Contemporary
approach in patients with ascending aorta dilation”**

15:00 – 17:00 – Pharmacy and Pharmacotherapy session

(15:00 – 16:25 – in English; 16:25 – 17:00 – in Bulgarian)

POTENTIAL OF MOBILE APPLICATIONS IN PHARMACY IN THE CONTEXT OF THE PANDEMIC – A
LITERATURE REVIEW – Gerasim Ganchev

THERMAL RESPONSE OF IRON OXIDE NANOPARTICLES FOR MAGNETIC HYPERTHERMIA – Tsenka
Grancharova

ANTINOCICEPTIVE EFFECT OF VORTIOXETINE AFTER MULTIPLE DOSE ADMINISTRATION IN TWO
EXPERIMENTAL MODELS OF PAIN – Ilin Kandilarov

A NOVEL CELECOXIB ANALOG AND THE ROLE OF OPIOID RECEPTORS IN ITS ANALGESIC EFFECT –
Hristina Zlatanova

NEW ASPECTS IN THE REVERSAL OF NEUROMUSCULAR BLOCKADE FOLLOWING GENERAL
ANESTHESIA: SELECTIVE RELAXANT-BINDING AGENTS – REVIEW – Aglika Byandova

EXPERIMENTAL STUDY OF THE ANXIOLYTIC EFFECT OF CANNABIDIOL IN A MODEL OF ACUTE
COLD STRESS – Maria Georgieva-Kotetarova

MANAGEMENT AND PATIENT EDUCATION FOR GASTROESOPHAGEAL REFLUX DISEASED –
Evelina Gavazova

ANTI-INFLAMMATORY EFFECT OF SATUREJA MONTANA DRY EXTRACT – Natalia Vilmosh

DEVELOPMENT AND VALIDATION OF A SIMPLE THIN-LAYER CHROMATOGRAPHY METHOD FOR IDENTIFICATION OF DICLOFENAC SODIUM AND ACECLOFENAC – Stanislava Ivanova

ADAPTOGENIC EFFECT OF SIDERITIS SCARDICA, LAMIACEAE IN AN ACUTE STRESS MODEL ON MALE WISTAR RATS – Nikolay Yanchev

БЕТАХИСТИН-СЪДЪРЖАЩИ НАНОЧАСТИЦИ ОТ КАЗЕИН, ПОЛУЧЕНИ ЧРЕЗ НАНОРАЗПРЪСКВАТЕЛНО СУШЕНЕ ЗА ВКЛЮЧВАНЕ В БУКАЛНА СИСТЕМА ЗА ДОСТАВКА НА ЛЕКАРСТВА – Николай Захариев

РАЗПРЪСКВАТЕЛНО СУШЕНЕ НА СОК ОТ НАР И ВКЛЮЧВАНЕТО МУ В ТВЪРДА ДОЗИРАНА ЛЕКАРСТВЕНА ФОРМА – Михаела Василева

МАГНИТНИ НАНОЧАСТИЦИ ОТ ЖЕЛЕЗЕН ОКСИД ЗА ХИПЕРТЕРМИЧНА ТЕРАПИЯ - СИНТЕЗ И ОХАРАКТЕРИЗИРАНЕ – Станислава Симеонова

ПРОУЧВАНЕ ВЪРХУ ПОЛИФЕНОЛНИЯ СЪСТАВ НА ЕКСТРАКТИ ОТ ECHINACEA PURPUREA И ONOPORDUM ACANTHIUM – Мария Згурева

17:00 – 17:15 – Coffee break

17:15 – 18:15 – Plenary lecture of Yavor Yalachkov, MD, PhD: „Neuroscience of addiction“ – in English

Sunday, 11.04.2021

08:00 – 11:15 – Surgical session

(08:00 – 10:10 – in English; 10:10 – 11:15 – in Bulgarian)

THERAPY OF PATHOLOGICAL CICATRICES AND KELOIDS USING HIGH-INTENSITY FOCUSED ULTRASOUND (HIFU) – Daniela Milanova

PROCALCITONIN AS A PREDICTIVE BIOMARKER AFTER OPEN HEART SURGERY – Hristo Stoev

FACTORS INFLUENCING THE RESULTS OF UNICONDYLE KNEE PROSTHETICS – Stanislav Karamitev

TREATMENT OF MEDIAL OSTEOARTHRITIS OF THE KNEE JOINT WITH PARTIAL PROSTHETIC REPLACEMENT - POSTOPERATIVE COMPLICATIONS – Stanislav Karamitev

CURRENT ASPECTS IN THE PATHOGENESIS OF ENDOMETRIAL POLYPS - A LITERATURE REVIEW – Gita Yamakova

COVID-19 INFECTION INDUCED THROMBOSIS – SERIES OF CLINICAL CASES – Zdravko Ivanov

HYSTERECTOMY- SURGICAL TECHNIQUE, PREOPERATIVE AND POSTOPERATIVE PERIOD – Petya Krachmarova

PHANTOM PAIN – Dimitar Kafaliev

CAVERNOUS INTERNAL CAROTID ARTERY ANEURISMS – ETIOLOGY, TYPES AND TREATMENT – Martin Karlyukov

SECOND SAVR WITH BIOPROSTHETIC VALVE IN A YOUNG PATIENT - CASE REPORT – Dayana Abousaid

BEHAVIORAL CHANGES CAUSED BY COLLOID CYST OF THE THIRD VENTRICLE-CASE REPORT - Elefterios Nikolau

KASABACH–MERRITT SYNDROME - CASE REPORT – Melani Pirgova

RARE CASE OF CERVICAL HAEMANGIOMA - Ameer Raschied Bonafe

COVID-19 И СПОНТАНЕН ПНЕВМОТОРАКС – ПЪРВИТЕ ТРИ СЛУЧАЯ – Велизар Хаджиминев

НАРУШЕНА ИНТЕРХЕМИСФЕРНА КОНЕКТИВНОСТ АСОЦИИРАНА С ДЪЛГОСРОЧНИ НЕВРОКОГНИТИВНИ НАРУШЕНИЯ ПРИ ПАЦИЕНТ СЛЕД ПРЕЖИВЯНА ТЕЖКА ЧЕРЕПНО-МОЗЪЧНА ТРАВМА – Полина Ангелова

РЕКОНСТРУКЦИЯ НА МЕКОТЪКАННИ ДЕФЕКТИ НА ГЛАВАТА С РОТАЦИОННИ ЛАМБА – Петра Кавраджиев

РЕТРОГРАДНА ИНТРАРЕНАЛНА ХИРУРГИЯ - ВЪЗМОЖНОСТИ И БЪДЕЩЕ - Николай Неделев

УВРЕЖДАНЕ НА ВЪЗВРАТНИТЕ ЛАРИНГЕАЛНИ НЕРВИ В ТИРОИДНАТА ХИРУРГИЯ – Ганчо Костов

ЛАПАРОСКОПСКА СПЛЕНЕКТОМИЯ-НАШИЯТ ОПИТ – Ганчо Костов

ЕДНОЕТАПНА ТОТАЛНА РЕКОНСТРУКЦИЯ НА ГОРЕН И ДОЛЕН КЛЕПАЧ С ОСТРОВНО ТЕМПОРО-ПАРИЕТАЛНО ЛАМБО - КЛИНИЧЕН СЛУЧАЙ – Симеон Личев

11:15 – 11:30 – Coffee break

11:30 – 13:40 – Dental session

(11:30 – 13:35 – in English; 13:35 – 13:40 – in Bulgarian)

SELECTIVE LASER MELTING IN CAD/CAM DENTISTRY – Vaisl Dimitrov

DIFFERENCES IN PREPARATION SURFACE AREA - ENDOCROWN VS. CLASSICAL CROWN – Stefan Zlatev

TWO-ZONE IN VITRO STUDY OF ROOT TEMPERATURE CHANGES DURING INTRACANAL CRYOTHERAPY IN AN EXTRACTED HUMAN TOOTH – Marieta Todorova

POSSIBILITIES OF 3D PRINTING IN THE SPHERE OF DENTAL MEDICINE – LITERATURE REVIEW – Ivan Demyanov

AESTHETIC PROSTHETIC REHABILITATION BY DIGITAL SMILE DESIGN - Ventsislava Pavlova

CLINICAL PROTOCOL FOR DIGITAL PLANNING OF SINGLE IMPLANTS: A PILOT STUDY - Viktor Hadzhigaev

STANDARD DEVIATION OF STUDENT'S PREPARATION OF PHANTOM PREMOLARS – Yoana Georgieva-Ruseva

A COMPLETELY FULLY APPROACH IN AESTHETIC REHABILITATION. CASE REPORT – Maria Hristozova

HORIZONTAL RIDGE AUGMENTATION IN THE ANTERIOR MANDIBULAR REGION USING THE SAUSAGE TECHNIQUE: CASE REPORT – Rusi Argirov

ALTERNATIVE METHODS FOR CARRIES REMOVAL – Maria Shindova

SUBEPITHELIAL CONNECTIVE TISSUE GRAFT IN THE PLASTY OF GINGIVAL RECESSION - Zlatizara Todorova

NONSURGICAL CLINICAL MANAGEMENT OF PERIAPICAL LESIONS USING LONG TERM CALCIUM HYDROXIDE PASTE - REPORT OF SEVERAL CASES - Desislava Petkova

PLASMA LEVELS OF BUFFERED ARTICHAINE AND METABOLITE ARTICHAINE ACID COMPARED WITH NON-BUFFERED VERSUS - Tsvetan Tsvetanov

ИМПЛАНТ ИЛИ МОСТ - Виктория Кайрякова

13:40 – 14:10 – Lunch break

14:10 – 15:30 – Public Health and Social Medicine session

(14:10 – 14:40 – in English; 14:40 – 15:30 – in Bulgarian)

INJURY PREVENTION IN CHILDREN: PEDIATRIC HOSPITAL DATA - Ketevan Axobadze

ORAL HEALTH SELF-ASSESSMENT OF HAEMOPHILIA FAMILIES - Victoria Mandova

POTENTIAL HEALTH RISKS ASSOCIATED WITH BODY MODIFICATIONS (TATTOOS AND PIERCING) - Vasil Kotetarov

COVID PANDEMIC: EYE COMFORT AND REMOTE EDUCATION – Vesela Ivancheva

НЯКОИ АКТУАЛНИ АСПЕКТИ НА ОФТАЛМОЛОГИЧНАТА ЗДРАВНА ГРИЖА В СФЕРАТА НА ПРОФИЛАКТИКАТА - БЪЛГАРСКИЯТ ОПИТ – Красимира Димитрова

ВЪЗМОЖНОСТИТЕ НА ИНФОРМАЦИОННИТЕ И КОМУНИКАЦИОННИТЕ ТЕХНОЛОГИИ В СЕСТРИНСКАТА ПРАКТИКА – ТЕЛЕНЪРСИНГ – Дияна Янкова

ПРОМЯНА В ХРАНИТЕЛНИТЕ НАВИЦИ И ПОВЕДЕНИЕ ПО ВРЕМЕ НА ПРОТИВОЕПИДЕМИЧНИТЕ МЕРКИ, НАЛОЖЕНИ ПО ВРЕМЕ НА COVID-19 ПАНДЕМИЯТА – Михаела Хубенова

ПРОМЯНА НА ФИЗИЧЕСКАТА АКТИВНОСТ В УСЛОВИЯТА НА ПРОТИВОЕПИДЕМИЧНИ МЕРКИ - Костадин Костадинов

ОСВЕДОМЕНОСТТА НА СТУДЕНТИТЕ ОТ МЕДИЦИНСКИ СПЕЦИАЛНОСТИ ОТНОСНО ВАКСИНАЦИЯТА СРЕЩУ COVID-19 – Таня Гешева

15:30 – Closing