

# Grand prix

I place «QUANTITATIVE MRI-DWI IMAGING IN COLORECTAL CANCER STAGING: CLINICAL AND HISTOPATHOLOGICAL CORRELATION» Madara Ratniece

II place «AWARENESS OF VACCINATION AGAINST HUMAN PAPILLOMAVIRUS AMONG ADOLESCENTS» Anna Linda Upmale

III place «EVALUATION OF TGF- $\beta$ 1 AND EGFR IN CLEFT AFFECTED LIP MUCOSA» Olga Rimdenoka

# Health sciences

## **PSYCHOLOGY Oral presentation session prize winners**

I place «RELATIONSHIP BETWEEN ILLNESS PERCEPTION AND SOCIODEMOGRAPHIC VARIABLES IN ADULTS DURING THE COVID-19 PANDEMIC» Sandra Feldmane

II place «FACTORS AFFECTING THE FORMATION OF THE COMPONENTS OF THE THERAPEUTIC ALLIANCE, PATIENT/CLIENT-THERAPIST BOND AND MUTUAL COLLABORATION IN ARTS THERAPIES» Alvīne Milere

III place «CONNOR-DAVIDSON RESILIENCE SCALE (CD-RISC-25) VALIDATION IN LATVIA» Gunita Skaldere-Darmudasa

## **PSYCHOLOGY Poster presentation session prize winners**

I place «MYSTICAL EXPERIENCE PREDICTS SPIRITUAL INTELLIGENCE» Daiga Katrīna Bitēna

## **PUBLIC HEALTH, OCCUPATIONAL MEDICINE, NUTRITIONAL SCIENCE, REHABILITATOLOGY Poster session prize winners**

I place «SLEEPING HABITS AND PSYCHOLOGICAL DISTRESS IN MEDICAL STUDENTS» Mihails Šatcs

II place «ASSESSMENT OF SUICIDE RISK FACTORS IN THE ADOLESCENT- YOUNG ADULT AGE GROUP AND THE IMPACT OF THE COVID- 19 PANDEMIC ON MENTAL HEALTH» Emilija Kavaliauskaitė

III place«THE IMPACT OF THE COVID-19 PANDEMIC ON THE REGULARITY OF PHYSICAL ACTIVITIES AND MENTAL HEALTH IN LATVIAN POPULATION» Kalvis Kaļva

**PUBLIC HEALTH, OCCUPATIONAL MEDICINE, NUTRITIONAL SCIENCE,  
REHABILITOLOGY Oral presentation session prize winners**

I place «OPINION ON ORGAN DONATION AMONG LATVIAN STUDENTS» Edgars Ķiecis

II place «THE TWELVE MONTHS OVERVIEW OF PM10 CONCENTRATIONS LEVELS IN RIGA CITY» Rūta Kauce

III place «DIVERSE CHILDHOOD EXPERIENCES AS A PREDICTOR OF WORSENERD WELL-BEING AMONG POLISH MEDICAL AND DENTAL STUDENTS» Paulina Drożak

**BASIC & PRECLINICAL SCIENCE (MORPHOLOGY, PATHOLOGY,  
GENETICS) Oral presentation session prize winners**

I place «EVALUATION OF TGF- $\beta$ 1 AND EGFR IN CLEFT AFFECTED LIP MUCOSA» Olga Rimdenoka

II place«EVALUATION OF COLLAGEN FIBRE MORPHOLOGICAL CHANGES IN THE TUNICA MEDIA OF DILATED WALLS OF THE ASCENDING AORTA» Pēteris Grīnbergs

III place«IMPLEMENTATION OF GENETIC TESTING OF HEREDITARY ANGIOEDEMA IN LATVIA – NOVEL VARIANT IDENTIFIED» Karoline Schnitzler

**BIOCHEMISTRY, PHYSIOLOGY, PHARMACY, PHARMACOLOGY Oral presentation session prize winners**

I place «PRO-ATHEROGENIC METABOLITE TRIMETHYLAMINE N- OXIDE DOES NOT AFFECT BONE MARROW-DERIVED MACROPHAGE POLARIZATION» Reina Ambarova

II place «THE EXPRESSION OF GABA AND GLUTAMATE TRANSPORTERS IN SIGMA-1 RECEPTOR KNOCK-OUT MOUSE BRAIN STRUCTURES» Rinalds Seržants

III place «ANTIBACTERIAL PROPERTIES OF ZINC-DOPED HYDROXYAPATITES» Ņikita Blohins

**INFECTIOUS DISEASES, DERMATOVENEROLOGY,  
MICROBIOLOGY, IMMUNOLOGY, ALLERGOLOGY Poster session prize winners**

I place «EFFECT OF DIFFERENT ANTISEPTIC SOLUTIONS ON SKIN MICROBIAL RECOLONIZATION SPEED AND QUALITATIVE CONTENT» Katrīna Freimane

II place «STAPHYLOCOCCUS AUREUS AND ESCHERICHIA COLI ANTIMICROBIAL RESISTANCE TENDENCIES AND ANALYSIS» Anna Marija Prince

III place «PREVALENCE AND CORRELATIONS OF NAIL BITING IN CLINICAL SAMPLES WITH NAIL DAMAGE IN DERMATOLOGIC PRACTIC» Monta Beltiņa

**INFECTIOUS DISEASES, DERMATOVENEROLOGY,  
MICROBIOLOGY, IMMUNOLOGY, ALLERGOLOGY Oral presentation session prize  
winners**

I place «MICROBIAL COLONIZATION OF USED FACE MASKS» Katrīna Tomiņa

II place «MICROBIAL COLONIZATION OF SPORTSMEN' MOUTH GUARDS» Aleksandra  
Kamenska

III place «MICROBIAL CONTAMINATION IN MUSEUM STOREROOM AIR» Elizabete  
Veignere

**OTORHINOLARYNGOLOGY, OTORHINOLARYNGOLOGIC  
SURGERY, DENTISTRY, MAXILLOFACIAL  
SURGERY Oral presentation session prize winners**

I place «STUDENTS AND TEACHERS AWARENESS OF EPISTAXISE» Jurgita Jursaitė

II place «INFLUENCE OF UNILATERALLY IMPACTED MAXILLARY CANINES ON  
MAXILLARY TRANSVERSE DIMENSION» Ieva Ozola

III place «WHEN IS DIFFICULT, TOO DIFFICULT? WHARFE'S ASSESSMENT GRADING  
REVIEWED – PROPOSAL OF BGOR 4-POINT GRADING SCALE» Dinesh Kumar Alandur  
Baskar

**OPHTHALMOLOGY Oral presentation session prize winners**

I place «EYE STRUCTURAL AND FUNCTIONAL PARAMETERS IN PATIENTS WHO  
WERE DIAGNOSED WITH CHOROIDDAL MELANOMA IN 2019. - 2020.» Eva Mediņa

II place «CHANGES IN RETINAL NERVE FIBER LAYER THICKNESS IN PATIENTS  
WITH EARLY AND LATE STAGE GLAUCOMA» Viktorija Žuka

III place «INTRAOCULAR PRESSURE DYNAMICS IN PATIENTS AFTER IRIS CLIP  
INTRAOCULAR LENS» Dita Elīna Sila

**PAEDIATRICS Oral presentation session prize winners**

I place «EFFECT OF SLEEP HYGIENE ON DAYTIME SLEEPINESS IN LATVIAN  
ADOLESCENTS: GENDER DIFFERENCES» Monta Urbane,

II place «COMPARISON OF COVID-19 CLINICAL AND EPIDEMIOLOGICAL  
CHARACTERISTICS IN CHILDREN AT THE OUTPATIENT AND HOSPITAL SETTING  
IN LATVIA: A DESCRIPTIVE RETROSPECTIVE COHORT STUDY» Anna Beate Apsite

III place«NATION-WIDE PEDIATRIC SLEEP QUESTIONNAIRE HIGHLIGHTS SLEEP PROBLEMS AND RECOMMENDED ACTIONS BY THE MEDICAL COMMUNITY: KEY TAKE-AWAYS» Anete Sperberga

**PAEDIATRICS Poster presentation session prize winners**

I place «NON-SUICIDAL SELF-INJURY AMONG CHILDREN AND ADOLESCENTS: PREVALENCE AND POSSIBLE CONTRIBUTING FACTORS» Marija Terēze Viļumsone

II place «ASSOCIATION OF MAGNETIC RESONANCE IMAGING FINDINGS WITH CLINICAL AND LABORATORY SIGNS OF SACROILIITIS IN PATIENTS WITH JUVENILE IDIOPATHIC ARTHRITIS» Viktorija Aleksejeva

III place«FATHERS' INVOLVEMENT IN THE CHILD'S EDUCATION» Austēja Liekytė

**ANAESTHESIOLOGY, REANIMATOLOGY, EMERGENCY MEDICINE Oral presentation session prize winners**

I place «LEVEL OF BURNOUT IN HEALTH CARE PROFESSIONALS WORKING IN INTENSIVE CARE UNITS IN LATVIA» Jessica Ferreira

II place «VENTILATOR-ASSOCIATED PNEUMONIA: INCIDENCE, MORTALITY AND CAUSATIVE AGENTS» Mārtiņš Saulīte

III place«AIRWAY ANATOMICAL ACCURACY OF MANNEQUINS USED IN MEDICAL STUDENT TEACHING IN LATVIA» Matīss Briuks

**ANAESTHESIOLOGY, REANIMATOLOGY, EMERGENCY MEDICINE Poster presentation session prize winners**

I place «OUTPATIENT BEHAVIOUR CHARACTERISTICS IN REGIONAL HOSPITAL ENDOSCOPY DEPARTMENT» Veronika Ribcova

II place «ANESTHESIA METHOD INFLUENCE ON NEUROCOGNITIVE FUNCTION IN PATIENTS UNDERGOING TRANSCATHETER TRANSFEMORAL AORTIC VALVE IMPLANT SURGERY» Julija Keruze

III place«DIFFERENCE OF THERAPY DEPENDING ON OUTCOME IN PATIENTS WITH COMMUNITY ACQUIRED PNEUMONIA INDUCED SEPTIC SHOCK» Edvīns Bergmanis

**ORTHOPAEDICS, TRAUMATOLOGY, TRAUMA & ORTHOPEDIC SURGERY, SPORTS MEDICINE, RADIOLOGY Oral session prize winners**

I place«QUANTITATIVE MRI-DWI IMAGING IN COLORECTAL CANCER STAGING: CLINICAL AND HISTOPATHOLOGICAL CORRELATION» Madara Ratniece

II place «KNEE JOINT CARTILAGE MRI ANALYSIS USING T2-MAPPING SEQUENCE» Vladislavs Janšins

III place «INTRAOPERATIVE OSTEOTOMY ANALYSIS IN TOTAL KNEE ARTHROPLASTY USING ORTHOPAEDIC COMPUTER NAVIGATION» Rūdolfs Vētra

**ORTHOPAEDICS, TRAUMATOLOGY, TRAUMA & ORTHOPEDIC SURGERY, SPORTS MEDICINE, RADIOLOGY Oral session prize winners**

I place «DIAGNOSTIC INFORMATIVENESS OF ULTRASONOGRAPHY EXAMINATIONS IN PAEDIATRIC APPENDECTOMY PATIENTS DURING 2018-2020 AT CHILDREN'S CLINICAL UNIVERSITY HOSPITAL OF RIGA, LATVIA» Ilze Rence

II place «EFFECTIVENESS OF TOTAL HIP REPLACEMENT IN YOUNG PATIENTS WITH AVASCULAR NECROSIS OF THE FEMORAL HEAD» Pāvels Sidorovs

III place «CT SEVERITY SCORE AND MODIFIED CT SEVERITY SCORE IN EARLY DIAGNOSIS OF ACUTE» Violeta Švečenko

**NEUROLOGY, PSYCHIATRY, PSYCHOTHERAPY, PSYCHOSOMATICS Poster session prize winners**

I place «FREQUENCY OF BURNOUT SYNDROME AND ASSOCIATED FACTORS AMONG LOCAL STUDENTS OF RSU» Serafima Grigorjeva

II place «ASSESSMENT OF PATIENTS WITH MULTIPLE SCLEROSIS ACCORDING TO EXPANDED DISABILITY STATUS SCALE AT RIGA EAST UNIVERSITY HOSPITAL» Olga Holodova

III place «FREQUENCY OF ANXIETY SYMPTOMS AND ASSOCIATED ACADEMIC AND EMPLOYMENT STATUS FACTORS AMONG RSU MEDICINE FACULTY STUDENTS» Veronika Saviča

**NEUROLOGY, PSYCHIATRY, PSYCHOTHERAPY, PSYCHOSOMATICS Oral presentation session prize winners**

I place «THE KNOWN BURDEN OF HUNTINGTON DISEASE IN NORTHERN SCOTLAND: PREVALENCE OF MANIFEST AND PRE-SYMPTOMATIC GENE CARRIERS IN THE MOLECULAR ERA» Georgios Kounidas

II place «INPATIENT TREATMENT AND REHABILITATION OF CHILDREN AND ADOLESCENTS WITH AUTISM SPECTRUM DISORDERS (ASD) IN LATVIA: 5 YEAR TIME TRENDS» Zane Semjonova

III place «DIFFERENT FACES OF GENDER IDENTITY DISORDER» Lelde Gaspersone

**GYNAECOLOGY, GYNAECOLOGICAL SURGERY,  
OBSTETRICS, PERINATOLOGY Poster session prize winners**

I place «COMBINATION OF PRE-EMPTIVE PORT-SITE AND INTRAPERITONEAL ROPIVACAINE ANALGESIA FOR REDUCTION OF POSTOPERATIVE PAIN IN GYNAECOLOGICAL LAPAROSCOPY» Laura Ivanova

II place «PLACENTAL HISTOLOGICAL DIFFERENCES IN PATIENTS WITH SEVERE OR MILD PREECLAMPSIA IN CASE OF CESAREAN SECTION» Loreta Miluna

III place «PERINEAL WOUND DEHISCENCE: PREVALENCE OF RISK FACTORS AND OUTCOMES» Anna Pentjugova

**GYNAECOLOGY, GYNAECOLOGICAL SURGERY,  
OBSTETRICS, PERINATOLOGY Oral presentation session prize winners**

I place «AWARENESS OF VACCINATION AGAINST HUMAN PAPILLOMAVIRUS AMONG ADOLESCENTS» Anna Linda Upmale

II place «COMPARISON OF KNOWLEDGE ABOUT CONTRACEPTION BETWEEN WOMEN LIVING WITH HIV AND HIV-NEGATIVE WOMEN» Ieva Pitkēviča

III place «THE ROLE OF BIOFILM FORMATION AND ANTIBIOTIC RESISTANCE OF GROUP B STREPTOCOCCI DURING PREGNANCY» Ulrika Ulla Andersone

III place «EXPERIENCE OF LATVIAN HEALTH-CARE WORKERS IN REVEALING AND EVALUATION OF GENDER-BASED VIOLENCE AMONG WOMEN» Anna Pentjugova

**SURGERY Oral presentation session prize winners**

I place «THE ROLE OF CLINICAL EXAMINATION AND ULTRASONOGRAPHY IN THE DIFFERENTIAL DIAGNOSIS AND MANAGEMENT OF PEDIATRIC ACUTE SCROTUM SYNDROME» Deividas Nekrosius

II place «CALCIUM LEVEL DIFFERENCES IN PATIENTS WITH AND WITHOUT PARATHYROID GLAND TRANSPLANTATION IN THYROIDECTOMY» Beāte Elizabete Daukšte

III place «RISK FACTORS FOR POSTOPERATIVE ATRIAL FIBRILLATION AFTER CORONARY ARTERY BYPASS GRAFTING» Kristīne Dombrovska

III place «IN PURSUIT OF ADEQUATE PREDICTION TOOL FOR WEIGHT LOSS AFTER BARIATRIC TREATMENT» Izabela Karpińska

**SURGERY Poster presentation session prize winners**

I place «BRONCHIAL ARTERY EMBOLISATION IN HEMOPTYSIS - TECHNICAL ASPECTS AND CLINICAL RESULTS» Zane Zarembo

II place «VIDEO-ASSISTED THORACOSCOPIC SURGERY VERSUS CHEST TUBE DRAINAGE: OPTIMAL APPROACH FOR TREATMENT OF PLEURAL EMPYEMA» Alina Tomova

III place «COMPARISON OF KIDNEY GRAFT QUALITY IN MULTI-ORGAN DONORS VS KIDNEY-ONLY DONORS» Žanis Bordo

**INTERNAL MEDICINE I (CARDIOLOGY, PULMONOLOGY) Oral session prize winners**

I place «VARIANTS IN NEURL1 AND PITX2 GENES ARE ASSOCIATED WITH THE RISK OF DEVELOPING ATRIAL FIBRILLATION BUT NOT WITH THE EFFICACY OF CARDIOVERSION THERAPY» Simon Vogel

II place «POTENTIAL OF INTERVENTION TIMING-RELATED CRITERIA FOR ELECTRICAL CARDIOVERSION ELIGIBILITY EVALUATION IN PATIENTS WITH PERSISTENT ATRIAL FIBRILLATION» Baiba Kokina

II place «THE IMPACT OF PULMONARY VEIN ORIENTATION FOUND IN COMPUTED TOMOGRAPHY ON CHARACTERISTICS OF ELECTROCARDIOGRAM P WAVE» Viktorija Verhovceva

III place «LONG-TERM OUTCOME OF CRYPTOGENIC STROKE PATIENTS FOLLOWING PATENT FORAMEN OVALE CLOSURE» Agnete Teivāne

**INTERNAL MEDICINE II (GASTROENTEROLOGY, NEPHROLOGY, ENDOCRINOLOGY, RHEUMATOLOGY) Poster session prize winners**

I place «IMPACT OF STAPHYLOCOCCUS SPECIES BIOFILM FORMATION IN PERITONEAL DIALYSIS ASSOCIATED PERITONITIS» Jānis Seilis

II place «CHANGE OF DIET HABITS IN INFLAMMATORY BOWEL DISEASE PATIENTS AFTER DIAGNOSIS – A PROSPECTIVE STUDY» Natālija Prohorova

III place «THE OSTEOPOROSIS IN MEN: EXPERIENCE OF THERAPY WITH DENOSUMAB (OSTEOPROM). FIRST RESULTS» Diāna Poksane

**INTERNAL MEDICINE II (GASTROENTEROLOGY, NEPHROLOGY, ENDOCRINOLOGY, RHEUMATOLOGY) Oral presentation session prize winners**

I place «THE ROLE OF STRESS IN THE PATHOGENESIS OF AUTOIMMUNE THYROID DISEASES» Deniss Gogins

II place «MAIN CAUSES FOR DIABETIC KETOACIDOSIS IN DECOMPENSATED DIABETIC PATIENTS, RETROSPECTIVE STUDY 2015-2019 IN RĪGA EAST UNIVERSITY HOSPITAL» Mārtiņš Danefelds

III place «THE ROLE OF BNIP3 IN CELLULAR RESPONSE TO HYPOXIA AND NECTOPTOSIS INDUCTION» Victoria Zaitceva

**CASE REPORT, Internal medicine session prize winners**

I place «A RARE CASE OF COLLET-SICARD SYNDROME SECONDARY TO BOERHAAVE'S SYNDROME» Rahul Penumaka

II place «WHEN PSYCHIATRY MEETS NEUROLOGY: CLINICAL CASES OF AUTOIMMUNE ENCEPHALITIS» Jorinta Kazlauskaitė

III place «GRADUAL VISION LOSS IN A PATIENT DIAGNOSED WITH LEBER HEREDITARY OPTIC NEUROPATHY DUE MT-ND6 POINT MUTATION (M.14484T>C)» Liveta Sereikaite

**CASE REPORT, Paediatrics/Gynaecology presentation session prize winners**

I place«A CASE OF TWO SYNCHRONOUS INDEPENDENT PRIMARY MALIGNANCIES: METASTATIC VULVAR SQUAMOUS CELL CARCINOMA AND MULTIFOCAL UROTHELIAL CARCINOMA» Laine Beķere

II place «HEMORRHAGIC OVARIAN CYST WITH HEMOPERITONEUM AS THE FIRST PRESENTATION OF THROMBOCYTOPENIA: A CASE REPORT» Anete Vanaga

III place «RECURRENT NONSUICIDAL SELF-INJURY IN ADOLESCENT AS A CAUSE OF SEVERE, LIFE-THREATENING BACTERIAL INFECTIONS» Gabriela Kronberga

**CASE REPORT, Surgery presentation session prize winners**

I place«ONE-STEP LOWER LEG RECONSTRUCTION WITH VASCULARIZED FUNCTIONAL VASTUS LATERALIS MUSCLE FLAP IN THE TREATMENT OF EMBRYONAL RHABDOMYOSARCOMA FOR A SIX-MONTH-OLD BOY» Linda Kalniņa

II place «FUNCTIONAL RECONSTRUCTION OF TEMPOROMANDIBULAR JOINT AND MANDIBULA AFTER KERATOCYSTIC ODONTOGENIC TUMOR RESECTION» Pavels Srebnijs

III place «TOTAL ANOMALOUS PULMONARY VENOUS DRAINAGE CORRECTION OF NEWBORN – IT'S POSITIVE RESULTS AND UNEXPECTED TURN: A RARE CASE REPORT» Jūlija Žmarjova

# Social sciences

## **ECONOMICS, POLITICAL SCIENCE, INTERNATIONAL RELATIONS Oral presentation session prize winners**

I place «CLIMATE CHANGE DISCOURSE IN THE ARCTIC POLICY OF RUSSIA» Elīna Smetāņina

II place «US GAS POLICY DURING DONALD TRUMP'S PRESIDENCY: A CASE STUDY OF THE THREE SEAS INITIATIVE» Gita Sauka

III place «STRATEGIC HEDGING IN THE POST-SOVIET REALITY: COMPARISON OF THE KAZAKHSTAN AND AZERBAIJAN EXPERIENCE» Kristiāns Ķikuts

## **COMMUNICATION Oral presentation session prize winners**

I place «Author photography project about queer community in Latvia» Estere Eversone

II place «Healthcare funding and health personnel salary reform - discourse in digital media (2019-2020)» Raina Anna Ločmele

III place «Representation of Latvian sacred natural sites in photo collages» Katrīna Ozoliņa

## **COMMUNICATION Poster presentation session prize winners**

I place «"CREATIVE BACHELOR'S WORK – INVESTIGATIVE ARTICLE SERIES "FUNCTIONAL FOOD"» Samanta Peipiņa

II place «INTERNAL CRISIS COMMUNICATION AT CHILDREN'S CLINICAL UNIVERSITY HOSPITAL: COVID-19 CASE"» Marta Nikola Zīle

III place «"USAGE OF INFORMATION SOURCES IN NEWS WEBSITES. QUANTITATIVE CONTENT ANALYSIS"» Elza Pilsniece

## **ECONOMICS Oral presentation session prize winners**

I place «EVALUATION AND PERSPECTIVES OF SUSTAINABLE ENTREPRENEURSHIP IN LATVIA» Annamarija Pumpura

II place «SOCIAL MARKETING CONCEPT AND ANALYSIS IN LATVIA)» Aigars Tukāns

III place «FACTORS FORMING THE ADVERTISING OF POLITICAL PARTIES WITHIN THE FRAMEWORK OF THE 2019 EUROPEAN PARLIAMENT ELECTION» Liene Vaivode

Congratulations to all!

