



International Scientific Conference
KNOWLEDGE TO HEALTH
SANUS 2026

PROGRAM

OF 5th INTERNATIONAL SCIENTIFIC CONFERENCE

Prijedor, September 17th – 19th, 2026
Republic of Srpska, Bosnia and Herzegovina



BOSNIA AND HERZEGOVINA
REPUBLIC OF SRPSKA
PUBLIC INSTITUTION
COLLEGE OF HEALTH SCIENCES PRIJEDOR



АКАДЕМИЈА СТРУКОВНИХ
СТУДИЈА БЕОГРАД
ACADEMY FOR APPLIED
STUDIES BELGRADE



UNIVERZA
V LJUBLJANI

ZF

Zdravstvena
fakulteta



UDRUŽENJE
FIZIOTERAPEUTA
REPUBLIKE SRPSKE

FRIDAY, 18th September 2026

08:00 – 09:00 **REGISTRATION**

CEREMONIAL HALL

09:00 **OPENING CEREMONY**

09:00 – 09:15 **WELCOME SPEECH**

Chair: Radoslav Grujić, Ilija Stijepić, Novo Pržulj

09:15 – 09:45 **NUTRITIONAL AND HEALTH BENEFITS OF MILLET AND OTHER TYPES OF GRAINS**
- Academician Novo Pržulj

09:45 – 10:15 **DIABETES MELLITUS AND BONE HEALTH: CONTEMPORARY CONCEPTS OF ITS ASSOCIATION WITH OSTEOPOROSIS** - Academician Snježana Popović - Pejičić

10:15 – 10:45 **GONARTHROSIS TODAY** - Doc. dr Stanislav Palija

10:45 – 10:55 **COMPREHENSIVE APPROACH TO HEALTH AND REHABILITATION**
- mr sci. dr Nataša Tomić

10:55 – 11:15 **BOOK PROMOTION – SPORTS FOR PEOPLE WITH DISABILITIES**
- Author: Ilija Stijepić Promoters: Radenko Dobraš; Stevica Dronjak

11:15 – 11:30 **COFFEE BREAK**

11:30 – 14:15 **PARALEL SESSIONS IN 4 ROOMS**

CEREMONIAL HALL - REHABILITATION, PHYSICAL AND MENTAL HEALTH **Chair: Dragana Sredić Cartes, Stanislav Palija**

11:30 – 11:50 **INVITED LECTURE - THE IMPORTANCE OF PHYSICAL FITNESS ASSESSMENT FOR PLANNING PHYSICAL EDUCATION CLASSES** - R.Dobraš

11:50 – 12:00 **PERIPROSTHETIC JOINT INFECTIONS IN HIP AND KNEE ARTHROPLASTY: A SINGLE CENTER EXPERIENCE** - S.Palija, V. Vujić-Aleksić, G. Ljubojević, T. Nožica-Radulović, G. Talić, S. Vujnović

12:00 – 12:10 **LOKOMAT PRO - ERIGO PRO - ANDAGO** - N. Grahovac, D. Dakić , F. Đumišić

12:10 – 12:20 **METHODS OF PHYSIOTHERAPEUTIC ASSESSMENT OF PATIENTS WITH DUCHENNE MUSCULAR DYSTROPHY** - D.Popović

12:20 – 12:30 **THE IMPORTANCE OF PULMONARY REHABILITATION IN THE TREATMENT OF BRONCHIAL ASTHMA IN CHILDHOOD – A CASE REPORT** - J. Dabić, A. Grbić, M. Railić

12:30 – 12:40 **APPLICATION OF ARTIFICIAL INTELLIGENCE IN KINESITHERAPY** - S. Arsić

12:40 – 12:50 **SCHROTH METHOD IN THE TREATMENT OF ADULT SCOLIOSIS** - M.Javorac, D. Novković

12:50 – 13:00 **THE EFFECT OF THERAPEUTIC EXERCISES IN THE CORRECTION OF IDIOPATHIC SCOLIOSIS IN ADOLESCENTS** - R. Ogurlić

13:00 – 13:15 **DISCUSSION**

HALL 1 - HEALTH CARE

Chair: Mile Despotović, Duška Jović

11:30 – 11:50 **INVITED LECTURE -THE 49% PARADOX: BOSNIA AND HERZEGOVINA'S NURSING WORKFORCE BETWEEN THE EDUCATIONAL SYSTEM AND EMIGRATION** - D. Jović

11:50 – 12:00 **THE IMPACT OF NURSING ASSOCIATIONS AND JOURNALS ON THE DEVELOPMENT OF RESEARCH CULTURE IN NURSING** - J. Pavlović, S. Matović, N. Hadživuković, S. Živanović, K. Pavlović, O. Kalajdžić, N. Radović, Lj. Kucurski, M. Obradović, Lj. Savić

12:00 – 12:10 **WORKING CONDITIONS AS A DETERMINANT OF EXTRINSIC JOB SATISFACTION AMONG NURSES AND MEDICAL TECHNICIANS** - M. Zlatanović, M. Slavković, M. Despotović, M. Despotović, C. Alexopoulos, M. Bojić, Lj. Kucurski

12:10 – 12:20	UNDERSTANDING MEDICAL LANGUAGE: THE IMPACT OF TERMINOLOGY, TERMS AND JARGON ON COMMUNICATING WITH PATIENTS- D. Topola, B. Brestovački Svitlica
12:20 – 12:30	ASSESSMENT OF ULTRA-PROCESSED FOOD INTAKE: METHODOLOGICAL REVIEW OF EXISTING INSTRUMENTS AND THE NEED FOR A REGIONALLY ADAPTED NOVA-UPF SCREENER - A. Milidrag, M. Zlatanović, M. Despotović, M. Gutić, I. Dimić, Lj. Savić, Lj. Kucurski
12:30 – 12:40	ARTIFICIAL INTELLIGENCE AS A DETERMINANT OF THE FUTURE OF ADVANCED NURSING CARE: BREAKING THE DOMINO EFFECT OF EXHAUSTION THROUGH DIGITAL TRANSFORMATION - R. Jeftić, N. Egeljić-Mihailović, D. Jović
12:40 – 12:50	HEPATITIS B INFECTION – PREVALENCE IN BOSNIA AND HERZEGOVINA DURING 2015–2019 AND CARE OF AFFECTED PATIENTS - M. Kecman
12:50 – 13:00	APPLICATION OF FUZZI LOGIC IN THE CLASSIFICATION OF MALIGNANT TUMORS OF THE THYROID GLAND - N. Stojanović
13:00 – 13:15	DISCUSSION

HALL 2 - LABORATORY MEDICINE, DIAGNOSTICS

Chair: Darija Knežević, Mira Obradović

11:30 – 11:50	INVITED LECTURE - APPLICATION OF ARTIFICIAL INTELLIGENCE IN THE INTERPRETATION OF LABORATORY FINDINGS - D. Knežević, Đ. Stojisavljević, D. Jović, I. Paravac, Lj. Preradović
11:50 – 12:00	PERCEIVED FOOD SAFETY CULTURE AMONG EMPLOYEES IN SLOVENIAN FOOD SERVICE ESTABLISHMENTS: AN EXPLORATORY QUESTIONNAIRE STUDY - M. Jevšnik Podlesnik, K. Senegačnik, T. Langerholc
12:00 – 12:10	SPECTROPHOTOMETRIC AND ELECTROCHEMICAL ANALYSIS OF THE EFFECT OF ANTIHISTAMINES ON ENZYME ACTIVITY- S. Herenda, E. Hasković
12:10 – 12:20	CLINICAL AND LABORATORY SIGNIFICANCE OF HDL CHOLESTEROL AS A BIOMARKER OF CARDIOVASCULAR DISEASES - D. Plavšić, M. Obradović
12:20 – 12:30	MITOCHONDRIAL DNA SEQUENCING IN MODERN LABORATORY DIAGNOSTICS - K. Pavlović, J. Pavlović, S. Matović, N. Hadživuković, S. Živanović, M. Lukić
12:30 – 12:40	HPV VACCINATION IN SERBIA: IMMUNIZATION COVERAGE, AWARENESS, AND ATTITUDES OF ADOLESCENTS - M. Ilić, M. Trailović, M. Mančić, S. Stajić, C. Alexopoulos, M. Despotović, F. Jovanović, M. Zlatanović
12:40 – 12:55	DISCUSSION

HALL 3 - STUDENT SESSION

Chair: Goran Aljetić, Marina Aničić

11:30 – 11:40	CLARK AND BRESLOW AS THE MAIN PROGNOSTIC PARAMETERS IN CUTANEOUS MELANOMA - M. Aničić, G. Tukić
11:40 – 11:50	ROLE OF THE NURSE IN THE PREVENTION AND TREATMENT OF CERVICAL CANCER - D. Kusmuk, M. Ćirković, S. Spremo, S. Matović
11:50 – 12:00	AUTOPHAGY - M. Ćirković, D. Kusmuk, S. Spremo, S. Matović, M. Glišić, B. Rajić
12:00 – 12:10	EVALUATION OF HEALTHCARE STAFF'S KNOWLEDGE ABOUT OCCUPATIONAL RISKS IN SOUTHERN TUNISIAN HOSPITALS - H. Teyeb, L. Sarra, Y. Bettaib, M. Kouken, L. Jbeli, H. Said Laatiri, O. Bouallegue
12:10 – 12:20	SOCIAL MEDIA IN NURSING AND MIDWIFERY EDUCATION: A MULTICENTER AND INTERNATIONAL RESEARCH PROTOCOL - A. Bayram, M. Dziurka, M. Tezel, B. Bal, B. Dobrowolska
12:20 – 12:30	EXPLORING THE ROLE OF HEALTH-RELATED SOCIAL MEDIA INFLUENCERS IN SHAPING THE PROFESSIONAL IDENTITY OF NURSING AND MIDWIFERY STUDENTS: AN INTERNATIONAL QUALITATIVE STUDY - M. Dziurka, A. Bayram, Z. Eş, B. Bal, B. Dobrowolska
12:30 – 12:45	DISCUSSION
13:15 – 14:15	Workshop: ABANIC PHYSIO BOWEN CONCEPT – FROM ASSESSMENT TO INTERVENTION IN CLINICAL PRACTICE - Ana Banić
14:15 – 15:15	LUNCH
15:15 – 15:45	NurseNexus Journal Promotion – Association of Graduate Nurses of the Republic of Srpska

15:15 – 15:45

POSTER PRESENTATION

LAVENDER HYDROSOL (*Lavandula angustifolia*) AS A SOURCE OF NATURAL ANTIOXIDANTS: CHEMICAL COMPOSITION AND STABILITY DURING STORAGE

- S. Berić, N. Kladar, Ž. Marjanović-Balaban, V. Antunović

CLINICAL SIGNIFICANCE OF MORPHOLOGICAL CHARACTERISTICS IN CERVICAL CANCER

- Ž. Gajanin, R. ajanin, V. Gajanin, D. Đokanović, A. Guzijan, M. Čuk, S. Vujinović, M. Brkić

THE IMPORTANCE OF HIKING IN MAINTAINING PHYSICAL AND MENTAL HEALTH AND IMPROVING QUALITY OF LIFE - L. Slunjski Tišma, M. Sarić

LIPID QUALITY INDICES OF VEGETABLE OILS - J. Banović Fuentes, J. Banović, Lj. Torović

RISK ASSESSMENT FOR OCCUPATIONAL SAFETY AND HEALTH IN THE EXPLOITATION AND PROCESSING OF TECHNICAL STONE - Lj. Figun, B. Vranješ

GOOD LABORATORY PRACTICE (GLP) REQUIREMENTS FOR LABORATORY PERSONNEL

- M. Obradović, R. Grujić, I. Grujić, B. Kaurin Šarac

FORMATION OF FINAL GRADE IN HIGHER EDUCATION

- D. Sredić Cartes, M. Obradović, L. Matijević

DEVELOPMENT AND VALIDATION OF AN INTEGRATED CLEANING AND DISINFECTION PROGRAM IN FOOD INDUSTRY FACTORIES - R. Grujić, M. Stijepić

THE IMPORTANCE OF ESCHERICHIA COLI IN FOOD AND WATER MICROBIOLOGY: DIFFERENTIATION OF INDICATOR AND PATHOGENIC STRAINS - D.Đurđević Milošević, A. Petrović, J. Elez, T. Ncube

ANALYSIS OF GLIADIN PROTEINS FROM CEREALS USING THE HPLC METHOD

- V. Gojković Cvetković, J. Toholj, Ž. Marjanović-Balaban

INFORMATION SYSTEMS FOR DATA MANAGEMENT IN MEDICAL LABORATORIES

- I. Grujić, M. Obradović

POSITIVE INFLUENCE OF HEALTHY NUTRITION IN SCHOOL ON STUDENTS HEALTH

- G. Aljetić, M. Milanović, B. Milanović

PERSPECTIVES IN THE PRODUCTION OF OAT YOGURT WITH THE ADDITION OF VEGETABLE PROTEIN CONCENTRATE - M. Stijepić, R. Grujić, N. Rajlić

FOOD SAFETY: NEW TRENDS BASED ON THE APPLICATION OF BOTH INFORMATION TECHNOLOGY AND ARTIFICIAL INTELLIGENCE - R. Grujić, I. Grujić

SPECTROPHOTOMETRIC ANALYSIS OF TOTAL PHENOLIC CONTENT IN MEDICINAL AND AROMATIC PLANTS - G. Čolić, O. Milašinović, Ž. Marjanović-Balaban

OPTIMIZATION OF HONEY ADDITION IN PROBIOTIC YOGURT PRODUCTION

- M. Stijepić, J. Glušac, D. Đurđević Milošević, N. Rajlić

BIOFILM-FORMING CAPACITY OF BACTERIAL PATHOGENS CAUSING CHRONIC OTITIS MEDIA

- M. Tubak - Kostić, Lj. Božić, M. Travar, A. Mahmutović, D. Vranješ

FREQUENCY OF IDENTIFICATION OF STAPHYLOCOCCUS AUREUS IN SWABS FROM WORK SURFACES AND NASAL SWABS OF HOSPITAL STAFF

- A. Mahmutović, M. Tubak Kosić, A. Dubinović-Rekić

15:45 – 18:00

PARALEL SESSIONS

CEREMONIAL HALL - REHABILITATION, PHYSICAL AND MENTAL HEALTH

Chair: Tanja Čolić, Nada Savković

15:45 – 16:05

INVITED LECTURE - TAI CHI AS AN INNOVATIVE APPROACH IN PHYSICAL REHABILITATION: A CASE OF INSTITUTIONAL COOPERATION - A. Mudrenović, Lj. Stević

16:05 – 16:15

USING THE TEST OF GROCERY SHOPPING SKILLS - A. Plemelj Mohorić

16:15 – 16:25

THERAPEUTIC PLAY AS A FORM OF SUPPORT FOR CHILDREN WITH DEVELOPMENTAL DISABILITIES EXPOSED TO VIOLENCE - T. Čolić, B. Vukajlović

16:25 – 16:35

EVALUATION OF FATIGUE IN OCCUPATIONAL THERAPY - REVIEW PAPER - N. Savković, G. Savković
APPLICATION OF PLAY THERAPY IN OCCUPATIONAL THERAPY
- D. Davidović, D. Šimunović, D. Laštro

16:25 – 16:35

ROBOT-ASSISTED TRAINING AS AN OCCUPATIONAL THERAPY MODALITY IN THE TREATMENT OF CHILDREN WITH BRACHIALIS PLEXUS LESIONS - A. Lužija, D. Laštro

16:45 – 16:55	FLIPPED CLASSROOM AS A TEACHING CONCEPT IN BIOMEDICAL EDUCATION - S. Ristić, I. Stijepić, N. Mitrović
16:55 – 17:05	USE OF ULTRASOUND WITH THE SCOLIOSCAN DEVICE IN MONITORING SCOLIOSIS IN CHILDREN - M. Mrđa
17:05 – 17:15	Project presentation: NOO ULTRA - A. Plemelj Mohorič
17:15 – 17:30	DISCUSSION

HALL 1 - HEALTH CARE

Chair: Jelena Pavlović, Ljubiša Kucurski, Milijana Rubin

15:45 – 15:55	ASSOCIATION BETWEEN ADHERENCE TO THE MEDITERRANEAN DIETARY PATTERN AND HEALTH PARAMETERS AND RISK FACTORS: IMPLICATIONS FOR PUBLIC HEALTH - M. Zlatanović, A. Milidrag, N. Savić, M. Brajsovac, L. Despotović, A. Adamović, Lj. Savić
15:55 – 16:05	APPLICATION OF MODERN TECHNOLOGIES IN NURSING: OPPORTUNITIES AND SIGNIFICANCE FOR IMPROVING PATIENT CARE - A. Komosar, N. Egeljić - Mihailović, D. Jović
16:05 – 16:15	AN AUTHOR-DEVELOPED NOVA-UPF FREQUENCY MODULE FOR ASSESSING ULTRA-PROCESSED FOOD CONSUMPTION IN ADULTS: A PILOT STUDY - A. Milidrag, M. Zlatanović, M. Despotović, T. Mladenović, L. Despotović, Lj. Savić, Lj. Kucurski
16:15 – 16:25	ASSESSMENT OF THE QUALITY OF LIFE OF WOMEN IN THE PERIODS OF MENOPAUSE AND POSTMENOPAUSE AND THE ASSOCIATION OF MENOPAUSAL SYMPTOMS WITH REPRODUCTIVE CHARACTERISTICS - S. Savić, V. Prokić, J. Đekić, I. Stojković, T. Jončić, J. Jovanović Mirković
16:25 – 16:35	INTERACTIONS OF ANTIDIABETIC DRUGS WITH DIETARY SUPPLEMENTS CONTAINING HERBAL COMPONENTS - N.Božić, Đ. Baletić, V. Ilić Todorović, Lj.Tomić, A. Rašković, M. Despotović, J. Jovanović Mirković , C. Aleksopoulos
16:35 – 16:45	ASSESSMENT OF ARTERIAL BLOOD PRESSURE, GLYCEMIA AND BODY MASS INDEX IN A STUDENT POPULATION - A.Aleksić, L. Aleksić, N. Nenezić, T. Simić, T. Džopalić, L. Despotović, F. Jovanović, S. Pavlović
16:45 – 16:55	THE IMPORTANCE OF HEALTH CARE FOR PEOPLE WITH DISABILITIES, THROUGH EDUCATION, IMPLEMENTATION OF EARLY INTERVENTION PROGRAMS AND THE ACTIVE PARTICIPATION OF NURSES - S. Arsić, A. Petrović, D. Kljajić
16:55 – 17:05	PHARMACOECONOMIC ASPECTS OF THE USE OF SGLT-2 INHIBITORS IN THE TREATMENT OF HEART FAILURE: A REVIEW OF COST-EFFECTIVENESS ANALYSES - Đ. Baletić, N. Božić, V. Ilić Todorović, N. Đukanović, A. Rašković, M. Despotović, J. Jovanović Mirković, F. Jovanović
17:05 – 17:20	DISCUSSION

HALL 2 - EXTERNAL FACTORS AND PREVENTION OF RISKS TO HUMAN HEALTH

Chair: Milka Stijepić, Katarina Kacjan - Žganjar

15:45 – 16:05	INVITED LECTURE - POSTBIOTICS VERSUS PROBIOTICS: ANTIBACTERIAL EFFECT AND POTENTIAL USE AS ALTERNATIVE ANTIBIOTIC AGENTS - G. Zavišić, D. Janković, B. Petković
16:05 – 16:15	APPLICATION OF ARTIFICIAL INTELLIGENCE IN THE EDUCATION OF HEALTH PROFESSIONALS - I. Grujić, I. Stijepić
16:15 – 16:25	ANALYSIS OF WORKLOAD AND MUSCULOSKELETAL RISKS AMONG EMPLOYEES IN A DENTAL LABORATORY - K. Kacjan - Žganjar
16:25 – 16:40	LIGNICOLLOUS FUNGI AND THEIR IMPORTANCE FOR HUMAN HEALTH - Z.Govedar, D. Karadžić, N. Prohorova, R. Grujić, N. Pržulj
16:40 – 16:50	FUTURE DIRECTIONS OF DEVELOPMENT OF FOOD PRODUCTION AND PROCESSING AND HUMAN NUTRITION - R. Grujić
16:50 – 17:00	IMPACT OF HONEY AND HONEY-BASED PRODUCT FRAUD ON PUBLIC HEALTH - S. Grbić, Lj. Stojanović-Bjelić
17:00 – 17:10	BETWEEN RECOMMENDATION AND TRUST: FACTORS INFLUENCING PATIENTS' CHOICE OF HEALTHCARE INSTITUTIONS - D. Aleksić Matić, V. Ćurić
17:10 – 17:25	DISCUSSION

19:00 GALA DINNER