

## TABLE OF CONTENTS

Introduction .....	I
Table of contents .....	II
ECONOMICS AND BUSINESS .....	II
SOCIAL SCIENCES .....	II
MEDICINE AND PHARMACY .....	X
NATURAL SCIENCES AND ICT .....	XIII
Conference chairs .....	XVI
Editorial committees .....	XVI

## ECONOMICS AND BUSINESS

DETERMINANTS OF TRANSPORT COMPANY VALUE AND THE SELECTION OF VALUATION METHODS	1-7
Eva Adámiková, Tatiana Čorejová, Lenka Môcová <a href="https://doi.org/10.12955/cbup.v7.1334">https://doi.org/10.12955/cbup.v7.1334</a>	
STRUCTURAL DEFORMATION OF THE RUSSIAN ECONOMY IN THE CONTEXT OF GLOBAL CHALLENGES	8-14
Viktor Barkhatov, Iuner Kapkaev, Daria Benz, Pavel Kadyrov <a href="https://doi.org/10.12955/cbup.v7.1335">https://doi.org/10.12955/cbup.v7.1335</a>	
THE INTERRELATION AND INTERACTION OF FINANCIAL MARKETS WITH FINANCIAL CYCLES OF THE NATIONAL ECONOMY OF RUSSIA	15-20
Viktor Barkhatov, Ekaterina Lymar, Ivan Koptelov <a href="https://doi.org/10.12955/cbup.v7.1336">https://doi.org/10.12955/cbup.v7.1336</a>	
PROJECT MANAGEMENT AND ITS STRATEGIES IN GLOBAL ORGANISATION: CASE STUDY	21-34
Kateřina Bočková, Miroslav Škoda, Tomáš Lengyelfalusy <a href="https://doi.org/10.12955/cbup.v7.1337">https://doi.org/10.12955/cbup.v7.1337</a>	
PRICE–VOLUME DEPENDENCE OF BITCOIN AND ITS FRACTAL ANALYSIS	35-41
Mária Bohdalová, Michal Greguš <a href="https://doi.org/10.12955/cbup.v7.1338">https://doi.org/10.12955/cbup.v7.1338</a>	
KNOWLEDGE SHARING IN BUSINESS NETWORKS FROM THE BUILDING INDUSTRY	42-48
Alina Czapla <a href="https://doi.org/10.12955/cbup.v7.1339">https://doi.org/10.12955/cbup.v7.1339</a>	
ENHANCING THE DESTINATION IMAGE THROUGH PROMOTING POPULAR RIVER CRUISE DESTINATIONS	49-55
Maksym Dimitrov, Mariya Zlatkova Stankova <a href="https://doi.org/10.12955/cbup.v7.1340">https://doi.org/10.12955/cbup.v7.1340</a>	
MONETARY DISCRETION BY FISCAL MEANS: THE CASE OF BULGARIA	56-67
Preslav Dimitrov, Ivan Todorov, Stoyan Tanchev, Petar Yurukov <a href="https://doi.org/10.12955/cbup.v7.1341">https://doi.org/10.12955/cbup.v7.1341</a>	
OPTIMIZATION OF THE LOGISTICS NETWORK OF THE SELECTED ONLINE STORE	68-74
Mykhailo Dobroselskyi, Radovan Madleňák <a href="https://doi.org/10.12955/cbup.v7.1342">https://doi.org/10.12955/cbup.v7.1342</a>	
DETERMINANTS AND DIRECTIONS OF THE TRANSITION FROM TRADITIONAL TO SUSTAINABLE AGRICULTURE: THE BULGARIAN CASE	75-80
Julia Doitchinova, Albena Miteva, Darina Zaimova <a href="https://doi.org/10.12955/cbup.v7.1343">https://doi.org/10.12955/cbup.v7.1343</a>	

Julia Doitchinova, Zornitsa Stoyanova, Hristina Harizanova-Bartos

<https://doi.org/10.12955/cbup.v7.1344>

## SKILLS FOR THE BANKING SECTOR. A PERSPECTIVE FROM ROMANIAN

88-91

## GRADUATE STUDENTS

Ovidiu Folcut, Victoria Folea

<https://doi.org/10.12955/cbup.v7.1345>

## PERCEPTIONS AND INTENTIONS OF ADOPTING THE INTERNET OF THINGS BY

92-97

## GENERATION Z

Silvana Costa Gonçalves, Belem Barbosa, Anabela Rocha

<https://doi.org/10.12955/cbup.v7.1346>

## ANALYSIS OF THE IMPACT OF INFRASTRUCTURE ON THE DEVELOPMENT

98-103

## LEVEL OF RUSSIAN REGIONS

Rogneda Groznykh, Elena Ignatieva, Oleg Mariev, Alla Serkova

<https://doi.org/10.12955/cbup.v7.1347>

## THE IMPACT OF INSTITUTIONAL FACTORS ON FOREIGN DIRECT INVESTMENT

104-110

## INFLOWS: CROSS-COUNTRY ANALYSIS

Rogneda Groznykh, Igor Drapkin, Oleg Mariev

<https://doi.org/10.12955/cbup.v7.1348>

## COOPERATION BETWEEN HUMAN AND AGENTS IN HOLONIC MANUFACTURING SYSTEMS

111-117

Patrik Grznár, Martin Krajčovič, Štefan Mozol, Marek Schickerle, Gabriela Gabajová, Monika Bučková

<https://doi.org/10.12955/cbup.v7.1349>

## COMPARISON OF THE CONDITIONS OF TAXATION ON LABOR IN HUNGARY AND THE SLOVAK REPUBLIC

118-123

Norbert Gyurián, Ádám Szobi, Nikoleta Nagyová

<https://doi.org/10.12955/cbup.v7.1350>

## INCOME TAXATION REGIMES FOR PRIVATE ENTREPRENEURS IN HUNGARY AND THE SLOVAK REPUBLIC

124-129

Norbert Gyurián, Ádám Szobi, Angelika Kútna, Dániel Halasi

<https://doi.org/10.12955/cbup.v7.1351>

## WHY PEOPLE JOIN VIRTUAL WORLDS OF COMPUTER GAMES? QUALITATIVE RESEARCH AMONGST POLISH USERS

130-136

Magdalena Hofman-Kohlmeyer

<https://doi.org/10.12955/cbup.v7.1352>

## THE MECHANISM OF ECONOMIC MANAGEMENT IN THE REGIONS OF KAZAKHSTAN TO ENSURE ENVIRONMENTAL SAFETY

137-142

Laura Igaliyeva, Saule Yegemberdiyeva

<https://doi.org/10.12955/cbup.v7.1353>

## HOTEL RESERVATIONS VIA ONLINE TRAVEL AGENCY BOOKING.COM. EU DIMENSIONS OF THE "BEST PRICE" CLAUSE

143-150

Ivaylo Ivanov, Irina Atanasova

<https://doi.org/10.12955/cbup.v7.1354>

## SMART CITY CONCEPT WITHIN SELECTED COUNTRIES

151-158

Simona Jaculjaková, Katarína Repková, Štofková, Dominik Laitkep

<https://doi.org/10.12955/cbup.v7.1355>

Vesela Kazashka

<https://doi.org/10.12955/cbup.v7.1356>

## JUSTIFICATION OF SCENARIOS OF STATE REGULATORY POLICY OF UKRAINE

165-172

Irina Kolupaieva, Olena Shevchenko

<https://doi.org/10.12955/cbup.v7.1357>

## DIFFERENCES IN ASSESSING SELLERS' BEHAVIOUR BY THE CUSTOMERS OF BABY BOOM, X, Y AND Z GENERATIONS

173-179

Jana Kovalčová, Zuzana Birknerová, Miroslav Frankovský, Eva Benková

<https://doi.org/10.12955/cbup.v7.1358>

## STATISTICAL ANALYSIS OF THE EUROPEAN UNION COUNTRIES USING THE METHOD OF STANDARD VARIABLE

180-185

Dominika Krasňanská, Ľubica Hurbánková

<https://doi.org/10.12955/cbup.v7.1359>

## ORGANIZATIONAL MATURITY MODELS - REVIEW AND CLASSIFICATION

186-192

Aneta Kucińska-Landwójtowicz

<https://doi.org/10.12955/cbup.v7.1360>

## TAX LICENCE OF A LEGAL ENTITY – PROS AND CONS

193-199

Angelika Kútka, Imrich Antalík, Norbert Gyurián, Zoltán Šeben

<https://doi.org/10.12955/cbup.v7.1361>

## ATTITUDE OF SLOVAK SMALL AND MEDIUM-SIZED ENTERPRISES TOWARDS RISK MANAGEMENT – INVESTIGATION OF THE REGIONAL DIFFERENCES

200-206

Matej Masár, Mária Hudáková

<https://doi.org/10.12955/cbup.v7.1362>

## THE CURRENT STATE OF PROJECT RISK ASSESSMENT AND EDUCATION NEEDS IN PROJECT RISK MANAGEMENT

207-214

Matej Masár, Mária Hudáková

<https://doi.org/10.12955/cbup.v7.1363>

## THE SLOVAK CITIZEN'S AND UNIVERSITY STUDENT'S PERSPECTIVE ON THE BENEFITS OF ROBOTIZATION

215-220

Tomáš Mišík, Jana Štofková

<https://doi.org/10.12955/cbup.v7.1364>

## THE EFFECTIVENESS OF FACEBOOK PROMOTING THE BRANDS OF SLOVAK WELLNESS HOTELS BASED ON THE DEA METHODOLOGY

221-227

Dominika Moravčíkova, Anna Krizanova

<https://doi.org/10.12955/cbup.v7.1365>

## EFFICIENCY ANALYSIS OF THE BULGARIAN FORESTRY AND FOREST-BASED INDUSTRY: A DEA APPROACH

228-235

Nikolay Neykov, Emil Kitchoukov, Petar Antov, Viktor Savov

<https://doi.org/10.12955/cbup.v7.1366>

## ADMINISTRATIVE BARRIERS AND THEIR IMPACT ON THE EFFICIENCY OF ORGANIZATIONS IN HOUSING CONSTRUCTION: THE CASE OF ST. PETERSBURG

236-240

Sergey Oparin, Marina Yudenko, Nadezhda Polovnikova, Svetlana Nikolikhina

<https://doi.org/10.12955/cbup.v7.1367>

## TRANSFORMATION OF SOCIAL CAPITAL INTO ECONOMIC CAPITAL THROUGH EDUCATION (BY THE EXAMPLE OF THE EUROPEAN UNION AND BULGARIA)

241-247

Petar Lyudmilov Parvanov, Nadezhda Emilova Petkova

<https://doi.org/10.12955/cbup.v7.1368>

## INNOVATION DEVELOPMENT OF THE FURNITURE INDUSTRY IN BULGARIA

256-261

Radostina Popova

<https://doi.org/10.12955/cbup.v7.1370>

## REDEFINING THE MANAGEMENT OF PERFORMANCE ORIENTATION IN THE ROMANIAN HIGHER EDUCATIONAL SYSTEM

262-268

Andy Pușcă, Ionel Sergiu Pîrju

<https://doi.org/10.12955/cbup.v7.1371>

## PROJECT MANAGEMENT IN THE CREATIVE INDUSTRIES

269-277

Margarita Ruseva

<https://doi.org/10.12955/cbup.v7.1372>

## INFLUENCE OF A TURBULENT ENVIRONMENT ON THE MANAGING OF A MINING ENTERPRISE

278-282

Aurelia Rybak

<https://doi.org/10.12955/cbup.v7.1373>

## SPECIAL CHARACTERISTICS OF MARKET SUPPLY FORMATION IN THE HOUSING DEVELOPMENT SECTOR AND RESIDENTIAL BUILDINGS RECONSTRUCTION UNDER THE PRESENT-DAY CONDITIONS IN RUSSIA

283-289

Larisa Selyutina, Natalia Vasileva, Tatyana Maleeva, Natalya Frolova

<https://doi.org/10.12955/cbup.v7.1375>

## THE ANALYSIS OF RECYCLING INDUSTRY IN THE URAL FEDERAL DISTRICT

290-295

Elena Silova, Viktor Barkhatov

<https://doi.org/10.12955/cbup.v7.1376>

## NEW APPROACHES OF REGIONAL POLICY AS A SUPPORTING FACTOR OF THE SOCIOECONOMIC DEVELOPMENT OF THE REGION

296-301

Viktor Šoltés, Katarína Repková Štofková, Filip Lenko

<https://doi.org/10.12955/cbup.v7.1377>

## EXPERT SYSTEM OF INDIVIDUAL PERFORMANCE EVALUATION OF EMPLOYEES

302-307

Ľubomír Šooš

<https://doi.org/10.12955/cbup.v7.1378>

## THE CHANGE FROM A COMMAND-TO A MARKET BANKING SYSTEM IN THE CASES OF SELECT GROUPS OF EUROPEAN COUNTRIES

308-314

Elena Stavrova

<https://doi.org/10.12955/cbup.v7.1379>

## AGRICULTURE AS A POSSIBLE WAY FOR SUSTAINABLE DISTRICT DEVELOPMENT IN BULGARIA

315-322

Zornitsa Stoyanova, Hristina Harizanova-Bartos

<https://doi.org/10.12955/cbup.v7.1380>

## THE IMPACT OF EXCHANGE RATE ON ECONOMIC GROWTH IN ALGERIA

323-330

Mohammed Touitou, Yacine Laib, Ahmed Boudeghdagh

<https://doi.org/10.12955/cbup.v7.1381>

## THE IMPORTANCE OF BRAND IN CONSUMER BUYING BEHAVIOR AND PRODUCT QUALITY ASSESSMENT

331-335

Viera Valjaskova, Pavol Kral

<https://doi.org/10.12955/cbup.v7.1382>

Ewelina Włodarczyk

<https://doi.org/10.12955/cbup.v7.1383>

STUDY OF THE ORGANISATIONAL SCHEME IN A COAL COMPANY

344-350

Ewelina Włodarczyk, Aurelia Rybak

<https://doi.org/10.12955/cbup.v7.1384>

CONTAINING FACTORS OF THE RUSSIAN DIGITAL TRANSFORMATION AT THE  
TRANSIT STAGE FROM THE FORMATION OF THE DIGITAL ECONOMY TO ITS  
DEVELOPMENT IN THE CONTEXT OF GLOBAL TRENDS

351-359

Elena Zolochevskaya, Tatyana Cherkasova, Valeriya Arsenieva, Larisa Lozovova

<https://doi.org/10.12955/cbup.v7.1385>

SUSTAINABILITY IN THE BUSINESS ENVIRONMENT THROUGH INTERCULTURAL  
DIALOGUE

360-369

Vyara Kyurova, Teodora Kiryakova-Dineva

<https://doi.org/10.12955/cbup.v7.1482>

## SOCIAL SCIENCES

CONSTRUCTION AND VALIDATION OF A PSYCHOMETRIC SCALE TO MEASURE  
ACADEMIC ENGAGEMENT

370-374

Liliya Babakova

<https://doi.org/10.12955/cbup.v7.1386>

THE TESI PROJECT AS ONE OF THE WAYS TO PREVENT SOCIAL ISOLATION OF  
PEOPLE WITH VERBAL COMMUNICATION DISORDERS

375-379

Mirosław Babiarz

<https://doi.org/10.12955/cbup.v7.1387>

RICH EDUCATIONAL VIDEO MAZES AS A VISUAL ENVIRONMENT FOR GAME-  
BASED LEARNING

380-386

Boyan Bontchev

<https://doi.org/10.12955/cbup.v7.1388>

TEACHER TRAINEES' ATTITUDE TOWARDS THE IMPLEMENTATION OF  
SELECTED WEB-BASED APPLICATIONS IN TEACHER TRAINING

387-392

Beáta Brestenská, Zoltán Fehér, Ladislav Jaruska, György Juhász, Andrea Puskás, Katarína  
Szarka

<https://doi.org/10.12955/cbup.v7.1389>

ASSESSMENT OF THE LOCAL STATE ADMINISTRATION PREPAREDNESS LEVEL  
ON THE SOLUTION OF CRISIS EVENTS

393-398

Daniel Brezina, Michal Titko

<https://doi.org/10.12955/cbup.v7.1390>

STREET SPACE FROM THE VIEW OF HUMAN INTERACTION

399-404

Kristián Čulík, Alena Kalašová, Zuzana Otahálová

<https://doi.org/10.12955/cbup.v7.1391>

NURSING AND GENERAL MEDICAL STUDENTS' SATISFACTION WITH THEIR  
MEDICAL TRAINING

405-409

Liana Dehelean, Ana Maria Romosan, Radu Stefan Romosan, Ion Papava, Petru Papazian,  
Mircea Babaita

<https://doi.org/10.12955/cbup.v7.1392>

THE CULTURAL FACTORS IN INTERGROUP RELATIONS IN THE MODERN WORLD  
(ON THE EXAMPLE OF RELIGIOUS AND ETHNIC GROUPS)

410-416

Anastasia Valiyevna Duminskaya, Nikita Nikolayevich Yakovlev, Denis Aleksandrovich

Lesnyansky

<https://doi.org/10.12955/cbup.v7.1393>

HIPPOTHERAPY AS AN ALTERNATIVE METHOD OF IMPROVING THE PRAXIS  
FUNCTION IN CHILDREN WITH MULTIPLE DISORDERS

417-422

Diyana Georgieva, Veselina Ivanova

<https://doi.org/10.12955/cbup.v7.1394>

PARAMETERS OF THE CONFLICTING COMPETENCY OF THE STUDENTS –  
FUTURE TEACHERS IN TECHNOLOGIES AND ENTREPRENEURSHIP

423-427

Sladuna Georgieva, Diana Mitova, Sashko Plachkov, Lyubima Zoneva

<https://doi.org/10.12955/cbup.v7.1395>

CHARACTERISTICS, DESCRIPTION AND ASSESSMENT OF THE ORGANIZATION'S  
SAFETY CULTURE SUBSECTORS

428-434

Martin Halaj, Martin Boroš, Richard Jankura

<https://doi.org/10.12955/cbup.v7.1396>

ENGLISH PERFECT IN COGNITION OF SLOVAK ISCED3 LEARNERS OF ENGLISH –  
PRELIMINARY EMPIRICAL EVIDENCE

435-441

Tomáš Hlava

<https://doi.org/10.12955/cbup.v7.1397>

GENDER DIFFERENCES IN SELF-CONCEPT OF GIFTED PUPILS

442-446

Dominika Hosova, Jana Duchovicova

<https://doi.org/10.12955/cbup.v7.1398>

THE SHAKESPEARES OF JOZEF CILLER, STAGE DESIGNER

447-452

Dagmar Inštitorisová

<https://doi.org/10.12955/cbup.v7.1399>

TEACHERS' SATISFACTION WITH THEIR PROFESSIONAL ACTIVITIES IN  
PHYSICAL EDUCATION AND SPORT

453-458

Veselina Ivanova, Eleonora Mileva

<https://doi.org/10.12955/cbup.v7.1400>

ELECTRONIC MONITORING IN SLOVAK CRIMINAL JUSTICE

459-463

Libor Klimek, Jaroslav Klátik

<https://doi.org/10.12955/cbup.v7.1401>

THE IMPACT OF MENTAL MAPPING ON PUPILS' ATTITUDES TO LEARNING

464-471

Rebeka Štefánia Koleňáková, Nina Kozárová

<https://doi.org/10.12955/cbup.v7.1402>

PLOVDIV – THE CULTURAL CAPITAL OF BULGARIA

472-477

Vasil Kolev

<https://doi.org/10.12955/cbup.v7.1403>

EDUCATION CONCERNING HISTORICAL CITIES AS AN EXAMPLE OF AN  
ORIGINAL CURRICULUM TAUGHT TO STUDENTS OF THE ARCHITECTURE AND  
SPATIAL MANAGEMENT COURSES

478-483

Dominika Kuśnierz-Krupa

<https://doi.org/10.12955/cbup.v7.1404>

3D INNOVATION TECHNOLOGIES IN EDUCATION

484-489

Penio Lebamovski, Mitko Gospodinov

<https://doi.org/10.12955/cbup.v7.1405>

PRESCHOOL AGED CHILDREN

Monika Máčajová, Soňa Gročíková

<https://doi.org/10.12955/cbup.v7.1406>

UNEVEN DISTRIBUTION OF RESOURCES FROM THE POINT OF VIEW OF GENDER EQUALITY, CHANGE OF PARADIGM AND ITS CONSEQUENCES ON THE DEVELOPMENT OF SOCIAL RELATIONS. PERSISTENT SOCIAL INEQUALITIES

498-502

Hermína Mareková

<https://doi.org/10.12955/cbup.v7.1408>

VIEWS OF VOLUNTARY IMMIGRANTS ON LIFE IN SLOVAKIA

503-509

Daniel Markovič

<https://doi.org/10.12955/cbup.v7.1409>

SUSTAINABLE RURAL DEVELOPMENT AND THE EFFECTS OF EDUCATION, DEMOGRAPHY AND ACCESS IN THE AGRICULTURAL SECTOR STRUCTURE AND EFFICIENCY

510-515

Alda Miftari, Arta Musaraj

<https://doi.org/10.12955/cbup.v7.1410>

THE RECOGNITION OF EDUCATION AND QUALIFICATIONS IN THE GLOBAL COMPACT MARRAKECH

516-520

Marek Moška, Peter Plavčan

<https://doi.org/10.12955/cbup.v7.1411>

FAMILY NEEDS OF INCURABLE ILL CHILDREN IN THE CONTEXT OF SPECIAL EDUCATION

521-526

Kristina Nagyová, Terézia Harčáriková

<https://doi.org/10.12955/cbup.v7.1412>

KNOWLEDGE ALLIANCE AS EDUCATION SERVICES: UPDATED CONTENT OF INTEGRATED FLIGHT PREPARATION AND TRAINING OF PILOTS

527-534

Hélia Némethová, Stanislav Szabo, Róbert Rozenberg

<https://doi.org/10.12955/cbup.v7.1413>

IN-WORK POVERTY IN LATVIA

535-541

Mareks Niklass

<https://doi.org/10.12955/cbup.v7.1414>

SOCIAL GENDER ROLES IN PERCEPTION OF FEMALE AND MALE POLISH STUDENTS

542-547

Dominika Ochnik, Mirjam Holleman

<https://doi.org/10.12955/cbup.v7.1415>

LANGUAGE IMPAIRMENT: A REVIEW OF THE EFFICACY OF NON-VERBAL COMMUNICATION IN WORKING WITH PATIENTS WHO HAVE DEMENTIA

548-551

Victor Otieno Okech, Monika Mačkinová, Petronela Šebestová, Pavol Kopinec

<https://doi.org/10.12955/cbup.v7.1416>

DIDACTIC MINI VIDEO GAMES – STUDENTS' AND TEACHERS' POINT OF VIEW

552-558

Elena Paunova-Hubenova

<https://doi.org/10.12955/cbup.v7.1417>

PREVENTIVE HEALTH CARE IN RELATION TO HEALTH INSURANCE SYSTEM IN SLOVAKIA

559-565

Barbara Pavlíková

<https://doi.org/10.12955/cbup.v7.1418>

ACTIVISATION OF THE CREATIVE POTENTIAL IN 7/8-YEAR OLD CHILDREN BY  
IMPLEMENTATION OF MIXED PAINTING TECHNIQUES IN FINE ART EDUCATION

574-577

Petar Petrov  
<https://doi.org/10.12955/cbup.v7.1420>

WHY DO PUPILS FROM SOCIALLY DISADVANTAGED BACKGROUNDS FAIL IN  
TECHNICAL SUBJECTS?

578-583

Jakub Pikna, Zuzana Frajštaková  
<https://doi.org/10.12955/cbup.v7.1421>

THE COMPARISON OF PISA EDUCATIONAL RESULTS WITH GROSS DOMESTIC  
PRODUCT IN MEMBER STATES OF EUROPEAN UNION

584-590

Peter Plavčan  
<https://doi.org/10.12955/cbup.v7.1422>

THE HUMAN RIGHTS RELATIVIZED. PROJECT PREVENTION'S CASES OF PAID  
STERILIZATION

591-594

Bartosz Płotka, Kamila Rezmer  
<https://doi.org/10.12955/cbup.v7.1423>

COMPETENCIES AND ROLES OF A SOCIAL CURATOR IN WORKING WITH RISKY  
YOUTH AND CRISIS INTERVENTION

595-599

Boris Pták, Soňa Šrobárová, Zuzana Gejdošová  
<https://doi.org/10.12955/cbup.v7.1424>

CRISIS INTERVENTION IN THE WORK OF SOCIAL AND LEGAL PROTECTION AND  
CURATION IN SLOVAKIA. AN ANALYSIS OF TARGET GROUPS AND METHODS

600-605

Boris Pták, Soňa Šrobárová  
<https://doi.org/10.12955/cbup.v7.1425>

DIDACTICAL ASPECTS OF PROFESSIONAL TRAINING OF FUTURE MASTERS OF  
PHARMACY STUDENTS

606-610

Tetiana Reva, Iryna Nizhenkovska, Olena Holik  
<https://doi.org/10.12955/cbup.v7.1426>

DEVELOPMENT OF SOCIAL ECONOMY AND SOCIAL ENTREPRENEURSHIP IN  
SLOVAKIA

611-616

Petronela Šebestová, Monika Mačkinová  
<https://doi.org/10.12955/cbup.v7.1427>

THE ROLE OF TEXT ANALYSIS IN TRANSLATION

617-622

Katarína Seresová, Daniela Breveníková  
<https://doi.org/10.12955/cbup.v7.1428>

COMMUNICATION BY TEXT IN THE PEDAGOGICAL INTERACTION FOR  
TEACHERS' PROFESSIONAL COMPETENCE

623-628

Desislava Siderova  
<https://doi.org/10.12955/cbup.v7.1429>

RAISING AWARENESS OF SCHOOL SOCIAL WORK IN SLOVAKIA

629-635

Veronika Šimonová, Miroslav Tvrdoň  
<https://doi.org/10.12955/cbup.v7.1430>

SOCIAL INCLUSION OF ROMA YOUTH IN THE CONTEXT OF RISK BEHAVIOUR

636-641

Katarína Šiňanská, Lucia Tóthová

ON SOME SELECTED ASPECTS OF TEACHING AND TESTING ENGLISH  
GRAMMAR IN SLOVAK UPPER-SECONDARY EDUCATION

642-649

Martina Šipošová

<https://doi.org/10.12955/cbup.v7.1432>

TEXT TASKS – PREREQUISITE FOR DEVELOPMENT OF CREATIVE THINKING IN  
STUDENTS FROM GRADES 1-4

650-654

Maria Temnikova

<https://doi.org/10.12955/cbup.v7.1433>

ELECTRONIC TEXTBOOKS FOR LEARNING THE EDUCATIONAL CONTENT IN  
GEOMETRY AS PART OF THE EDUCATION IN MATHEMATICS FOR GRADES 1-4

655-660

Maria Temnikova

<https://doi.org/10.12955/cbup.v7.1434>

INNOVATION IN CRIMINAL POLICY OF IMPOSING ALTERNATIVE SANCTIONS IN  
SLOVAK JUSTICE

661-670

Veronika Tóthová, Simona Ferenčíková

<https://doi.org/10.12955/cbup.v7.1435>

MULTICULTURAL COMPETENCIES OF TEACHERS AND TEACHER TRAININGS ON  
DIVERSITY/MULTICULTURALISM FOR INCLUSIVE SCHOOLS AND THE  
INCLUSION OF ROMA AND MIGRANT CHILDREN - PROJECT ROMIGSC AS CASE  
STUDY

671-678

Nada Trunk Širca, Valerij Dermol, Anica Novak Trunk

<https://doi.org/10.12955/cbup.v7.1436>

THE EXPERIMENTAL RESEARCH OF PERCEPTION OF MODERN CHARACTERS IN  
A GROUP OF PRIMARY SCHOOL STUDENTS

679-685

Stanislava Turská, Jana Kurotová, Dominika Hoštáková, Roman Chinoracký

<https://doi.org/10.12955/cbup.v7.1437>

APPLIED BEHAVIORAL ANALYSIS THERAPY IN SPECIAL EDUCATION PRACTICE

686-692

Alica Vančová, Kristína Nagyová

<https://doi.org/10.12955/cbup.v7.1438>

CIVIL AND MILITARY AVIATION EDUCATION AS INTERDISCIPLINARY  
DIDACTIC SYSTEM: UPDATED KNOWLEDGE, SKILLS AND COMPETENCES

693-699

Zuzana Zgodavová, Daniela Čekanová, Stanislav Szabo jr, Marek Košuda, Stanislav Szabo

<https://doi.org/10.12955/cbup.v7.1439>

DYNAMICS OF THE CREATIVE INTERPRETATION IN EARLY CHILDHOOD  
COMMUNICATION WITH ART IN A MUSEUM ENVIRONMENT

700-705

Any Zlateva, Katya Tineva-Gyurkovska

<https://doi.org/10.12955/cbup.v7.1441>

**MEDICINE AND PHARMACY**

DIAGNOSIS OF BLOOD LOSS BY THE METHOD OF DIGITAL STOKS

706-710

POLARIMETRY OF HISTOLOGICAL SECTIONS OF RECTUS ABDOMINAL MUSCLE

Viktor Bachynskiy, Oleh Vanchuliak, Anastasiia-Vira Syvokorovska, Marta Garazdiuk, Alina Zavolovych

<https://doi.org/10.12955/cbup.v7.1442>

THE EFFECT OF CREATIVE DRAMA ON EMPATHIC TENDENCIES,  
COMMUNICATION SKILLS AND CRITICAL THINKING OF PHYSIOTHERAPY  
STUDENTS

711-716

Murat Ali Çınar, Elif Dinler, Yavuz Yakut, Yavuz Yakut

<https://doi.org/10.12955/cbup.v7.1443>

SEROLOGICAL RESULTS OF MVV AND CAEV ANTIBODIES IN SAMPLES  
COLLECTED FROM SHEEP AND GOAT FLOCKS OF ROMANIA  
Dan Alexandru Enache, Stelian Baraitareanu, Marius Dan, Maria Rodica Gurau, Camelia  
Nutiu, Camelia Sarbu, Doina Danes  
<https://doi.org/10.12955/cbup.v7.1444>

717-723

COMPARATIVE ANALYSIS OF LASER POLARIMETRY METHODS OF  
POLYCRYSTALLINE FILMS OF CEREBROSPINAL FLUID FOR POST-MORTEM  
INTERVAL ESTIMATION  
Marta Garazdiuk, Viktor Bachynskiy, Oleh Vanchuliak, Oleksandr Garazdiuk, Yuliya  
Sarkisova  
<https://doi.org/10.12955/cbup.v7.1445>

724-728

INVESTIGATION OF HEART RATE VARIABILITY BY STATISTICAL METHODS  
AND DETRENDED FLUCTUATION ANALYSIS  
Galya Nikolova Georgieva-Tsaneva  
<https://doi.org/10.12955/cbup.v7.1446>

729-734

FORMATION OF GRANULATION TISSUE BY DRILLING HOLES IN THE CRANIUM  
AFTER CHEMICAL SCALP BURNS: A CASE STUDY  
Ali Güneş, Ahmet Erkiliç, Murat Ali Çınar, Sait Bilal  
<https://doi.org/10.12955/cbup.v7.1447>

735-738

MENTAL HEALTH OF NURSING STUDENTS WITH REGARD TO THEIR PREVIOUS  
EDUCATION AND SATISFACTION WITH STUDYING  
Ivana Gusar, Mira Klarin, Marija Ljubicic  
<https://doi.org/10.12955/cbup.v7.1448>

739-745

MONITORING OF PATIENTS' FALLS IN HEALTHCARE FACILITIES  
Marcela Ižová, Michaela Vicáňová, Mária Novysedláková  
<https://doi.org/10.12955/cbup.v7.1449>

746-752

CHARACTERIZATION OF HUMAN CYP450 ISOZYMES RESPONSIBLE FOR THE IN  
VITRO OXIDATIVE METABOLISM OF MESALAMINE USED FOR COLITIS  
Elif Kale, Alaattin Şen  
<https://doi.org/10.12955/cbup.v7.1450>

753-759

THE PREVALENCE OF INTESTINAL PARASITES IN CENTRAL SLOVAKIA FROM  
THE YEAR 2000 – RETROSPECTIVE STUDY  
Tatiana Kochlanova, Nina Kotlebova, Tatiana Kubickova, Martin Novak  
<https://doi.org/10.12955/cbup.v7.1451>

760-765

THE POST-MORTEM EVALUATION OF GLUCOSE CONCENTRATION IN BLOOD  
AND ITS DIAGNOSTICAL VALUE  
Gintarė Lukočiūtė, Karolina Ginčienė, Sigitas Chmieliauskas, Sigitas Laima, Jurgita  
Stasiūnienė, Dmitrij Fomin, Algimantas Jasulaitis  
<https://doi.org/10.12955/cbup.v7.1452>

766-770

STUDY OF LIFE QUALITY AND TREATMENT SATISFACTION OF ROMANIAN  
DIABETIC PATIENTS  
Andrei Cătălin Muntean, Claudiu Morgovan, Smaranda Cosma, Smaranda Cosma, Anca  
Butucă, Anca Maria Juncan, Luca Liviu Rus, Andreea Loredana Vonica, Felicia Gabriela  
Gligor, Steliana Ghibu  
<https://doi.org/10.12955/cbup.v7.1453>

771-777

VARIABILITY OF ARTERIAL BLOOD PRESSURE IN CHILDREN WITH DIABETES  
MELLITUS AND OBESITY  
Yuriy Nechitaylo, Oleksandr Buriak, Olesya Pidmurniak, Nataliya Kovtyuk, Tatiana Fomina  
<https://doi.org/10.12955/cbup.v7.1454>

778-782

VARIATION OF COMORBIDITIES IN ROMANIA AT THE LAU2 LEVEL, A CROSS-  
SECTIONAL ANALYSIS

790-793

Adrian Pana, Bogdan-Vasile Ileanu

<https://doi.org/10.12955/cbup.v7.1456>

ROLE OF HYPERCORTISOLEMIA IN PROGRESSION OF THE COMORBID COURSE  
OF CORONARY ARTERY DISEASE, DIABETES MELLITUS TYPE 2 AND ANEMIA

794-797

Nataliia Pavliukovych, Oleksandr Pavliukovych, Oleksandr Buriak, Tamara Kopchuk,

Volodymyr Vivsyannuk

<https://doi.org/10.12955/cbup.v7.1457>

TRAUMATIC HEALTH EFFECTS DUE TO A STORM: AN OBSERVATIONAL CASE-  
STUDY ON PATIENTS RECEIVED AT THE COUNTY EMERGENCY CLINICAL  
HOSPITAL FROM TIMISOARA

798-803

Cristina Petrescu, Mihai Grecu, Silvia Barbu, Marius Craina

<https://doi.org/10.12955/cbup.v7.1458>

RESISTANCE TO ANTIPLATELET DRUGS IN PATIENTS WITH  
CEREBROVASCULAR DISEASE

804-811

Elina Pucite, Arina Novasa, Renija Levina, Tatjana Muravska, Evija Miglane, Andrejs Millers

<https://doi.org/10.12955/cbup.v7.1459>

RENOPROTECTIVE EFFECT OF MELATONIN IN CONDITIONS OF ACUTE KIDNEY  
INJURY AND ALTERED PINEAL GLAND ACTIVITY

812-816

Tetiana Shchudrova, Yevheniia Dudka, Olena Korotun, Tetiana Bilous, Fedir Herman, Igor  
Zamorskii

<https://doi.org/10.12955/cbup.v7.1460>

EPIDEMIOLOGY AND RISK FACTORS OF SUDDEN DEATH DUE TO PULMONARY  
THROMBOEMBOLISM: A RETROSPECTIVE STUDY

817-823

Rokas Šimakauskas, Martinas Baltuonis, Sigitas Laima, Sigitas Chmieliauskas, Dmitrij  
Fomin, Algimantas Jasulaitis, Jurgita Stasiūnienė

<https://doi.org/10.12955/cbup.v7.1461>

COSMETICS USAGE HABITS AND RELATED SIDE EFFECTS AMONG FEMALES:  
LITHUANIAN CASE

824-832

Gražina Šniepienė, Judita Jonuševičienė

<https://doi.org/10.12955/cbup.v7.1462>

OUR EXPERIENCE IN CARPAL TUNNEL SYNDROME THERAPEUTIC  
EFFECTIVENESS EVALUATION

833-838

Jolanta Umure, Ināra Logina, Marija Mihailova

<https://doi.org/10.12955/cbup.v7.1463>

SUICIDES IN LITHUANIA: RATES, METHODS AND DISTRIBUTION BY AGE,  
GENDER AND SETTLEMENT, 2012-2016

839-845

Diana Vasiljevaitė, Jurgita Stasiūnienė, Sigitas Laima, Sigitas Chmieliauskas, Dmitrij Fomin,  
Algimantas Jasulaitis

<https://doi.org/10.12955/cbup.v7.1464>

ADVERSE EFFECTS OF GONADOTROPINS USED IN INFERTILITY TREATMENT

846-852

Bogdan Ioan Vintilă, Anca Butucă, Claudiu Morgovan, Andreea Loredana Vonica, Luca Liviu  
Rus, Andrei Cătălin Muntean, Anca Maria Juncan, Felicia Gabriela Gligor

<https://doi.org/10.12955/cbup.v7.1465>

- THE USE OF FORENSIC CHEMISTRY METHODS IN THE DETERMINATION OF COUNTERFEIT DRUGS  
Elena Welchinska, Volodymyr Velchynskyi  
<https://doi.org/10.12955/cbup.v7.1467>

- GRAPHICAL METHODS FOR NON-LINEAR ANALYSIS OF ELECTROCARDIOGRAPHIC DATA  
Evgeniya Gospodinova  
<https://doi.org/10.12955/cbup.v7.1496>

- FREQUENCY ANALYSIS OF CARDIAC DATA OBTAINED THROUGH HOLTER MONITORING IN REAL LIVING CONDITIONS  
Galya Nikolova Georgieva-Tsanева  
<https://doi.org/10.12955/cbup.v7.1497>

## NATURAL SCIENCES AND ICT

- HUMAN AS A PHYSIOLOGICAL SOURCE OF DETERIORATION OF THE AIR QUALITY AND COMFORT CONDITIONS INDOORS  
Radostina A. Angelova, Peter Stankov, Detelin Markov, Rositsa Velichkova, Iskra Simova  
<https://doi.org/10.12955/cbup.v7.1468>

- IMPACT OF PHYSICAL MUTAGENS ON THE MALE GAMETOPHYTE OF THE TEA PLANT FOR ITS FURTHER USE IN HYBRIDIZATION  
Davit Baratashvili, Nino Lomtatidze, Guguli Dumbadze, Neli Khalvashi, Nino Kedelidze  
<https://doi.org/10.12955/cbup.v7.1469>

- INFLUENCE OF TECHNOLOGICAL PARAMETERS OF THE ULTRAFILTRATION PROCESS OF CITRUS JUICES ON THEIR QUALITY  
Irina Bejanidze, Tina Kharebava, Nunu Nakashidze, Lamzira Komcelidze, Nazi Davitadze  
<https://doi.org/10.12955/cbup.v7.1470>

- INFLUENCE OF SEASONAL FACTOR ON THE CHEMICAL COMPOSITION OF PERSIMMON  
Irina Bejanidze, Tina Kharebava, Nargiz Alasania, Nato Didmanidze, Nazi Davitadze  
<https://doi.org/10.12955/cbup.v7.1471>

- USE OF MOBILE NETWORKS FOR THE PURPOSE OF PROTECTING PERSONS AND PROPERTY  
Martin Boroš, Matej Kučera, Ladislav Mariš  
<https://doi.org/10.12955/cbup.v7.1472>

- IDENTIFICATION OF THE AVIAN PATHOTYPE OF ESCHERICHIA COLI ON LAYER FLOCKS BY MULTIPLEX PCR  
Marilena Burtan, Virgilia Popa, Maria Rodica Gurau, Doina Danes  
<https://doi.org/10.12955/cbup.v7.1473>

- THE USE OF DAMPER SYSTEMS IN BUILDINGS WITH REINFORCED CONCRETE STRUCTURES  
Naima Ezzaki, Daniel Stoica, Laurentiu Rece, Amelitta Legendi  
<https://doi.org/10.12955/cbup.v7.1474>

- WAY OF CONNECTION OF A THREE-PHASE MOTOR TO A SINGLE-PHASE NETWORK VIA RESONANCE EFFECT  
Zharilkassim Iskakov, Vladimir Kossov  
<https://doi.org/10.12955/cbup.v7.1475>

Michaela Jánosiková, Maroš Lacinák

<https://doi.org/10.12955/cbup.v7.1476>

LIQUID CRYSTAL MATERIALS ORIENTATION USING NEW APPROACH

933-937

Natalia Kamanina

<https://doi.org/10.12955/cbup.v7.1478>

CHARACTERIZATION OF SEVERAL WEST GEORGIAN AUTOCHTHONOUS GRAPES AND THEIR WINE STILBENES

938-942

Maia Kharadze, Maia Vanidze, Indira Djaparidze, Givi Kalandia, Ruslan Davitadze, Aleko Kalandia

<https://doi.org/10.12955/cbup.v7.1479>

AN ANALYSIS OF FOREST GROWTH FEATURES OF LOW-PRODUCTIVE GREY FOREST SANDY SOILS OF UKRAINE WITH REGARD TO THEIR RELEVANCE FOR FOREST CULTIVATION

943-948

Peter Kijovský, Anatoliy Lisnyak, Kateryna Utkina, Alexey Kraynukov, Eva Michaeli

<https://doi.org/10.12955/cbup.v7.1480>

RAPD-ANALYSIS OF CYCLAMEN SPP. GENOME POLYMORPHISM

949-953

Elza Makaradze, Galina Meparishvili, Natela Varshavidze, Inga Diasamidze, Ketevan

Dolidze, Eteri Jakeli, Nana Zarnadze

<https://doi.org/10.12955/cbup.v7.1483>

DESIGNING A SMALL CLIMATE CHAMBER TO CHARACTERIZE PEOPLE AS A SOURCE OF DETERIORATION OF INDOOR AIR QUALITY BY RESPIRATION

954-959

Detelin Ganchev Markov, Sergey Mijorski, Peter Stankov, Iskra Simova, Radositna A.

Angelova, Rositsa Velichkova

<https://doi.org/10.12955/cbup.v7.1484>

MICROPROPAGATION OF CHUKRASIA TABULARIS A. FUSS BY SOMATIC EMBRYOGENESIS TECHNIQUE

960-968

Tran Van Minh

<https://doi.org/10.12955/cbup.v7.1485>

MICROPROPAGATION OF RHYNCHOSTYLIS GIGANTEA ORCHID BY SOMATIC EMBRYOGENIC CULTURES

969-974

Tran Van Minh

<https://doi.org/10.12955/cbup.v7.1486>

UTILIZATION OF BY-PRODUCTS GENERATED BY A WOOD GASIFICATION PLANT THROUGH ITS USE FOR THE RECLAMATION OF DISTURBED TERRAINS

975-981

Petar G. Petrov

<https://doi.org/10.12955/cbup.v7.1487>

CONTAMINATION OF SOILS BY HEAVY METALS AND THEIR INFLUENCE ON THE ENVIRONMENT IN BULGARIA

982-987

Tsvetelina Petrova, Iskra Simova, Martin Pushkarov, Rositsa Velichkova, Detelin Markov

<https://doi.org/10.12955/cbup.v7.1488>

ASPECTS CONCERNING THE MEASUREMENT OF FLATNESS DEVIATIONS

988-995

Laurentiu Rece, Tone Ionescu, Virgil Florescu, Amelitta Legendi, Carmen Ardelean

<https://doi.org/10.12955/cbup.v7.1489>

INTERACTIVE SYSTEM FOR DIGITAL PRESENTATION OF CULTURAL ROUTES AND SPECIALIZED COLLECTIONS

996-1000

Negoslav Sabev, Galina Bogdanova, Pavel Hristov

<https://doi.org/10.12955/cbup.v7.1490>

Teodor Savov, Valentina Terzieva, Katia Todorova, Petia Kademova-Katzarova

<https://doi.org/10.12955/cbup.v7.1491>

**SOIL DEVELOPMENT AND PROPERTIES OF MICROBIAL BIOMASS SUCCESSION  
IN RECLAIMED SITES IN BULGARIA**

1008-1014

Veneta V. Stefanova, Petar G. Petrov

<https://doi.org/10.12955/cbup.v7.1492>

**INFLUENCE OF INDOOR POLLUTION AND PARAMETERS ON HUMAN HEALTH**

1015-1019

Rositsa Velichkova, Peter Stankov, Radositna A. Angelova , Iskra Simova, Detelin Markov

<https://doi.org/10.12955/cbup.v7.1493>

**MICROCLONAL PROPAGATION OF CRATAEGUS MONOGYNA JACQ. IN VITRO**

1020-1025

Nana Zarnadze, Ketevan Dolidze, Sophiko Manjgaladze, Nazi Turmanidze, Jana Chitanava,

Gia Bolkvadze, Eteri Jakeli

<https://doi.org/10.12955/cbup.v7.1494>