



BALKAN MEDICAL UNION

Founded in 1932 as „L'Union Médicale Balkanique“

Officers of the Balkan Medical Union

International Secretary General

Camelia DIACONU, Romania

Presidents of national sections

Albania:	Ylli POPA
Bulgaria:	Latchezar TRAYKOV
Cyprus:	Hasan BESIM
Greece:	Marianna KARAMANOU
North Macedonia:	Ninoslav IVANOVSKI
Republic of Moldova:	Gheorghe CIOBANU
Romania:	Camelia DIACONU
Turkey:	Sabri ERGÜNEY
Serbia:	Vladmila BOJANIC

Archives of the BALKAN MEDICAL UNION



Founding Editor

M. POPESCU BUZEU, Romania

Editor-in-Chief

Camelia DIACONU, Romania

Co-Editor-in-Chief

Irinel POPESCU, Romania

Honorary Editors

Niki AGNANTIS, Greece

George ANDROUTSOS, Greece

Kaya BEKIROĞLU, Cyprus

Somer ONES, Turkey

Ion ABABII, Republic of Moldova

Editors

Vladmila BOJANIC, Serbia

Hasan BESIM, Cyprus

Gheorghe CIOBANU,
Republic of Moldova

Sabri ERGUNEY, Turkey

Ninoslav IVANOVSKI,
North Macedonia

Marianna KARAMANOU, Greece

Fanny RIBAROVA, Bulgaria

Assistant Editor

Adriana MILEA, Romania

Editorial Board

Süha AKPINAR, Cyprus

Raymond ARDAILLOU, France

Daniela BARTOS, Romania

Kandemir BEROVA, Cyprus

Jean Louis BINET, France

Zoran BOJANIC, Serbia

Andre BOURGEON, France

Giancarlo BRACALE, Italy

Koco CAKALAROSKI, North Macedonia

Olga CERNETCHI, Republic of Moldova

Jean-Michel CORMIER, France

Adrian-Valentin COTIRLET, Romania

Daniel COUTURIER, France

Stella DASKALOPOULOU, Canada

Sergulen DERVISOGLU, Turkey

Roberto di DONATO, Italy

Ionel DROC, Romania

Ertugrul GAZIOGLU, Turkey

Gheorghe GHIDIRIM, Republic of Moldova

Fernando GOMEZ-FERRER BAYO, Spain

Veselina GORANOVA-MARINOVA, Bulgaria

Ioannis GRAMMATIKAKIS, Greece

Michel HUGUIER, France

Mehmet INAN, Cyprus

Ognen IVANOVSKI, North Macedonia

Ioannis KAKADIARIS, USA

Ioannis KARAITIANOS, Greece

Afroditi KARAITIANOU-VELONAKI, Greece

Ashraf W. KHIR, UK

Ioan LASCAR, Romania

Gerald MAURER, Austria

Minodora MAZUR, Republic of Moldova

Maja MILOJKOVIC, Serbia

Igor NIKOLOV, North Macedonia

Theodore PAPAIOANNOU, Greece

Valentina PETKOVA, Bulgaria

Mentor PETRELA, Albania

Pierre Francois PLOUIN, France

Zivko POPOV, North Macedonia

Theodora PSALTOPOULOU, Greece

Ninel REVENCO, Republic of Moldova

Gheorghe ROJNOVEANU, Republic of Moldova

David L. ROWLAND, USA

Boryana RUSEVA, Bulgaria

Zoubeir Ben SAFTA, Tunisie

Adrian SAFTOIU, Denmark, Romania

Vasile SARBU, Romania

Theodoros N. SERGENTANIS, Greece

Galina SEVEROVA, North Macedonia

Andrija ŠMELCEROVIC, Serbia

Nikolaos STERGIOPULOS, Switzerland

Grigore TINICA, Romania

Latchezar TRAYKOV, Bulgaria

Gregory TSOUICALAS, Greece

Ion TINTOIU, Romania

Jovan VASILIEVIC, Serbia

Calin VICOL, Germany

Tsekomir VODENITCHAROV, Bulgaria

Junjie XIAO, China

Indexed in: Scopus, SCImago, Chemical Abstracts, EMBASE/Excerpta Medica, Index Copernicus, DOAJ, Scientific World Index, Science Library Index, OAJI, Google Scholar, WorldCat, Harvard Library, Ulrich's Web, HINARI, DRJI, CiteFactor, Gold Rush Open Access Library, SCIPPO, Biblioteca Academiei Române, Eurasian Scientific Journal Index

CONTENTS

EDITORIAL

IS THERE AN IMPLICATION OF INTESTINAL MICROBIOTA IN CARDIOVASCULAR DISEASES?

Camelia DIACONU 609

ORIGINAL PAPER

THE UTILITY OF UPPER DIGESTIVE ENDOSCOPY IN THE EVALUATION OF HIV PATIENTS WITH LOW CD4+ T-LYMPHOCYTE VALUES

Mihaela C. OLARIU, Iulia VASILESCU, Adriana NURCIU, Ecaterina C. BARBU, Cristina E. CHITU, Mihaela A. IANCU, Oana SANDULESCU, Anca STREINU-CERCEL, Mihai H. OLARIU, Camelia C. DIACONU 612

PLATELET-RICH AUTOPLASMA EFFECT ON INTESTINAL ANASTOMOSIS REGENERATION IN RABBITS

Berik N. DZHUMABEKOV, Auyeskhan T. DZHUMABEKOV, Dzhumagaly K. ISMAILOV, Talgat A. BAITILEUOV, Ildar R. FAKHRADIYEV 621

FEATURES OF BLOOD SUPPLY AND INNERVATION OF THE SHOULDER GIRDLE MUSCLES IN HUMAN FETUSES

Tatiana V. KHMARA, Hrystyna Z. SHEVCHUK, Svetlana D. NOVYCHENKO, Anna I. ANDRUSHAK 630

FETAL TOPOGRAPHY OF ARTERIES AND NERVES OF MUSCLES OF THE MEDIAL FEMORAL GROUP

Tatiana V. KHMARA, Pavlina V. HRYHORIEVA, Svitlana D. NOVYCHENKO, Olga P. KHAPITSKA 639

R117H MUTATION OF THE GENE ENCODING THE CYSTIC FIBROSIS TRANSMEMBRANE REGULATORY PROTEIN IN PATIENTS WITH CHRONIC RELAPSING PANCREATITIS

Rodica BUGAI, Lucia MAZUR-NICORICI, Ion TIBIRNA, Minodora MAZUR 647

RUBELLA IMMUNITY IN A COHORT OF PREGNANT WOMEN - SEROLOGICAL SURVEY

Milena D. KARCHEVA, Anton P. GEORGIEV, Alexander B. BLAZHEV 653

FAMILY AND INDIVIDUAL DIETARY AND LIFESTYLE HABITS AS PREDICTORS OF BMI AND KIDMED SCORE IN GREEK AND IMMIGRANT PRESCHOOLERS

Maria CHRISSINI, Dimitra SIFAKI-PISTOLLA, Nikolaos TZANAKIS, Ioanna TSILIGIANNI 659

METASTATIC MELANOMA PRESENTING AS UNDIFFERENTIATED TUMOUR OF UNKNOWN PRIMARY SITE: AN IMMUNOHISTOCHEMICAL ALGORITHM

Leila ALI, Valentin MOLDOVAN, Diana DEREWICZ, Octav GINGHINA, Maria SAJIN, Mariana COSTACHE 672

IMMUNOHISTOCHEMICAL STUDY OF HUMAN PAPILLOMA VIRUS AND EPSTEIN-BARR VIRUS IN PATIENTS WITH LYMPHOEPITHELIOMA-LIKE CARCINOMA OF THE UTERINE CERVIX

Angel D. YORDANOV, Milena D. KARCHEVA, Tatiana M. BETOVA, Ivan N. IVANOV, Tereza B. DINEVA, Strahil A. STRASHILOV 680

APPLICATION OF THE STOPP/ START CRITERIA IN THE SURVEY OF MEDICATION USE IN ELDERLY PATIENTS WITH RENAL FAILURE
Aleksandra CATIĆ–ĐORĐEVIĆ, Nikola STEFANOVIĆ, Ivana STOŠIĆ, Ivana DAMNJANOVIĆ, Ivana MILANOVIĆ, Novica BOJANIĆ, Radmila VELIČKOVIĆ–RADOVANOVIĆ 685

STUDY OF CELL DEATH AND STAGES OF LEUKOCYTES APOPTOSIS IN PULMONARY TUBERCULOSIS PATIENTS WITH DIFFERENT ANTIMYCOBACTERIAL TREATMENTS
Olga S. SHEVCHENKO, Oksana A. NAKONECHNA, Liliia D. TODORIKO, Olga O. HOVARDOVSKA, Olga O. POHORIELOVA, Sergey B. VOLF, Olena V. PIDVERBETSKA, Iryna Ya. MAKOPYDA, Victor I. SLYVKA..... 692

THE ROLE OF SHEAR WAVE ELASTOGRAPHY IN THE DYNAMIC MONITORING OF FIBROSIS IN PATIENTS WITH CHRONIC HEPATITIS C WITH SUSTAINED VIROLOGICAL RESPONSE AFTER DIRECT ACTING ANTIVIRAL THERAPY
Mihaela C. OLARIU , Elena L. STOICHITOIU, Adriana NURCIU, Gabriela ANDRIESCU, Mihai H. OLARIU , Camelia C. DIACONU..... 699

CLINICAL PATTERN AND RISK FACTORS OF RESPIRATORY ALLERGIES DUE TO AMBROSIA (RAGWEED) POLLEN: EXPERIENCE OF ONE ALLERGY CENTER FROM BUCHAREST
Polliana M. LERU , Vlad F. ANTON.....705

REVIEW

CLINICAL DIAGNOSIS AND TREATMENT OF SALIVARY GLANDS INFLAMMATION
Andreea TOMA, Patricia FURDUI, Alexandra CHIRILA, Alina L.A. OANCEA , Raluca GRIGORE, Serban V.G. BERTESTEANU..... 712

IOANNIS KARDAMATIS (1859–1942): THE DEBATE ON THE FALL OF ANCIENT GREECE AND THE CHAIR OF TROPICAL DISEASES AND PARASITOLOGY AT THE MEDICAL SCHOOL OF ATHENS
Spyros N. MICHALEAS , Lazaros VLADIMIROU, Efi PETINAKI, Aristeidis DIAMANTIS, Theodoros N. SERGENTANIS, George ANDROUTSOS..... 720

EXTRAGONADAL GERM-CELL TUMORS – A REVIEW OF THE PATHOGENESIS, HISTOPATHOLOGICAL FINDINGS, DIAGNOSIS AND TREATMENT
Lucian IORGA, Dragos MARCU, Ovidiu BRATU , Bogdan SOCEA, Tiberiu P. NEAGU, Simona BUNGAU, Ana Maria A. STANESCU, Camelia C. DIACONU, Dan MISCHIANU..... 725

MINIREVIEW

LAPAROSCOPIC MANAGEMENT OF URETERAL ENDOMETRIOSIS
Nicolae BACALBASA, Irina BALESCU, Mihaela VILCU, Iulian BREZEAN 731

LAPAROSCOPIC MANAGEMENT OF DEEP INFILTRATING COLORECTAL ENDOMETRIOSIS
Nicolae BACALBASA , Irina BALESCU, Mihaela VILCU, Iulian BREZEAN..... 735

CLINICAL MANIFESTATIONS AND BURDEN OF HPV INFECTION – PREVENTION AND THERAPEUTIC POSSIBILITIES
Ana-Maria CIOTI, Ana Maria A. STANESCU, Ioana V. GRAJDEANU, Daniela MIRICESCU, Bogdan SERBAN, Ovidiu G. BRATU, Camelia C. DIACONU..... 739

DOES METFORMIN PLAY A ROLE IN THE TREATMENT OF ACNE?
Ana Maria A. STANESCU, Ioana V. GRAJDEANU, Daniela MIRICESCU, Bogdan SERBAN, Horia LAZARESCU , Florin BREZAN, Andrei KOZMA..... 745

WHAT IS NEW REGARDING THE TREATMENT OF DYSLIPIDEMIA IN THE 2019 EUROPEAN SOCIETY OF CARDIOLOGY GUIDELINES?

Madalina A. MUNTEANU , Gina GHEORGHE, Ana Maria A. STANESCU, Ovidiu G. BRATU, Camelia C. DIACONU.....749

CASE SERIES

TREATMENT OF VULVAR LEUKOPLAKIA WITH THERESIENOL – A NEW OPPORTUNITY

Angel D. YORDANOV , Polina P. VASILEVA, Strahil A. STRASHILOV, Assia KONSOULOVA.....753

CASE REPORT

SUB MANDIBULECTOMY FOR CHRONIC SCLEROSING SIALADENITIS – COMMENTS ON A CLINICAL CASE

Mihail TUSALIU , Iulia TITA, Lavinia G. ILINCA, Cristina M. GOANTA, Florentin A. VREJU, Octavian D. PALADE.....759

DEEP NECK SPACE INFECTION – DIAGNOSTIC AND THERAPEUTIC CHALLENGES: TWO CASE REPORTS

Anca R. MOSOIU, Oana M. MUSTEATA, Raluca GRIGORE, Serban V.G. BERTESTEANU, Alina L.A. OANCEA.....764

PINEAL GERMINOMA – HYPOGONADISM ISSUES

Alexandra BOLOCAN, Bogdan SOCEA, Dan N. PADURARU, Oana BOTEZAN, Octavian ANDRONIC, Andra MORAR, Cristina MOLDOVAN, Alexandra ENE, Roxana TURTUREA, Mara CARSOTE , Ana VALEA.....771

PRECOCIOUS PUBERTY: HOW ABOUT THE ACCELERATED BONE MATURATION?

Dan N. PADURARU, Oana BOTEZAN, Alexandra BOLOCAN, Octavian ANDRONIC, Andra MORAR, Cristina MOLDOVAN, Alexandra ENE, Bogdan SOCEA, Roxana TURTUREA, Mara CARSOTE, Ana VALEA.....776

EVANS' SYNDROME IN AN OLD PATIENT: CASE PRESENTATION

Leonid I. DVORETSKY , Mariya A. KARNAUSHKINA, Roza M. VAKOLYUK, Nelly V. DUBROVSKAYA...781

ARCHIVES OF THE BALKAN MEDICAL UNION

Instructions to authors787