



**VI Конгрес на микробиолозите на Македонија
со меѓународно учество
VI Congress of Macedonian Microbiologists
with international participation**

FEMS-supported Symposium: "Emerging infections"

**НАУЧНА ПРОГРАМА
SCIENTIFIC PROGRAM**



**30.5 - 2.6.2018 год., Охрид, Р. Македонија
30.05 - 2.06.2018, Ohrid, R. Macedonia**



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Почитувани колешки и колеги,

Ни претставува особена чест и задоволство во име на Организациониот и Научниот одбор да Ви посакаме добредојде на **VI Конгрес на микробиолозите на Македонија со меѓународно учество и Симпозиум со наслов "Emerging infections", поддржан од FEMS (Federation of European Microbiological Societies)** кои ќе се одржат во периодот од 30 мај до 2 јуни 2018 година во хотелскиот комплекс Метропол- Белви во Охрид, Република Македонија, во организација на микробиолозите на Македонија, членови на МЛД.

Веруваме дека научната програма и можноста да се слушнат предавања од врвни експерти и научници од Балканот, Европа и пошироко, учеството во научни дебати и интерактивни дискусии, ќе бидат предизвик за вас и можност за размена на искуства, проширување на вашите знаења, вештини и техники од сите области на микробиологијата и современата дијагностика, превенција и терапија на инфективните заболувања, како и можност од воспоставување на нови професионални контакти.

Традиционално место на одржување е древниот град Охрид, колевка на македонската и словенската писменост.

Покрај научната, предвидена е и богатата социјална програма и можност со вашите колеги-пријатели да го почувствувате гостопримството и богатото културно наследство на Охрид.

Се надеваме дека со вашето присуство и активно учество ќе придонесете за успешна реализација на предвидените активности.

Претседател на Организациониот одбор

Проф. д-р Ана Кафтанџиева

Претседател на Научниот одбор

Проф. д-р Никола Пановски

Dear colleagues,

On behalf of the Organizing and Scientific Committees, it is our great honor and pleasure welcome you to the **VI Congress of the Microbiologists of Macedonia with international participation, and FEMS supported Symposium entitled “Emerging infections”** which is held from May 30th to June 2nd, 2018 at the hotel complex Metropol-Bellevue in Ohrid, Republic of Macedonia, organized by the Microbiologists of Macedonia, members of MMA.

We believe that the scientific program and the opportunity to hear lectures of top experts and scientists from the Balkans, Europe and beyond, participation in scientific debates and interactive discussions will be a challenge for you and an opportunity to exchange experiences, expand your knowledge, skills and techniques from all areas of microbiology and contemporary diagnostics, prevention and therapy of infectious diseases, as well as the possibility of establishing new professional contacts.

Traditional event venue is the ancient city Ohrid, a cradle of Macedonian and Slavic culture and literacy.

In addition to the scientific program, we will provide a rich social program and opportunity for you and your fellows and friends, to feel the hospitality and rich cultural heritage of Ohrid.

We hope your presence and active participation will contribute to successful realization of the planned activities.

President of the Organizing Committee

Prof. Ana Kaftandzieva, MD, PhD

President of the Scientific Committee

Prof. Nikola Panovski, MD, PhD

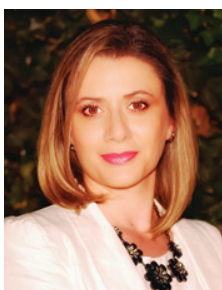
ОДБОРИ



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Никола Пановски



Претседател на Организационен одбор
Ана Кафтанџиева



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Венко Пашалиски

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Nikola Panovski



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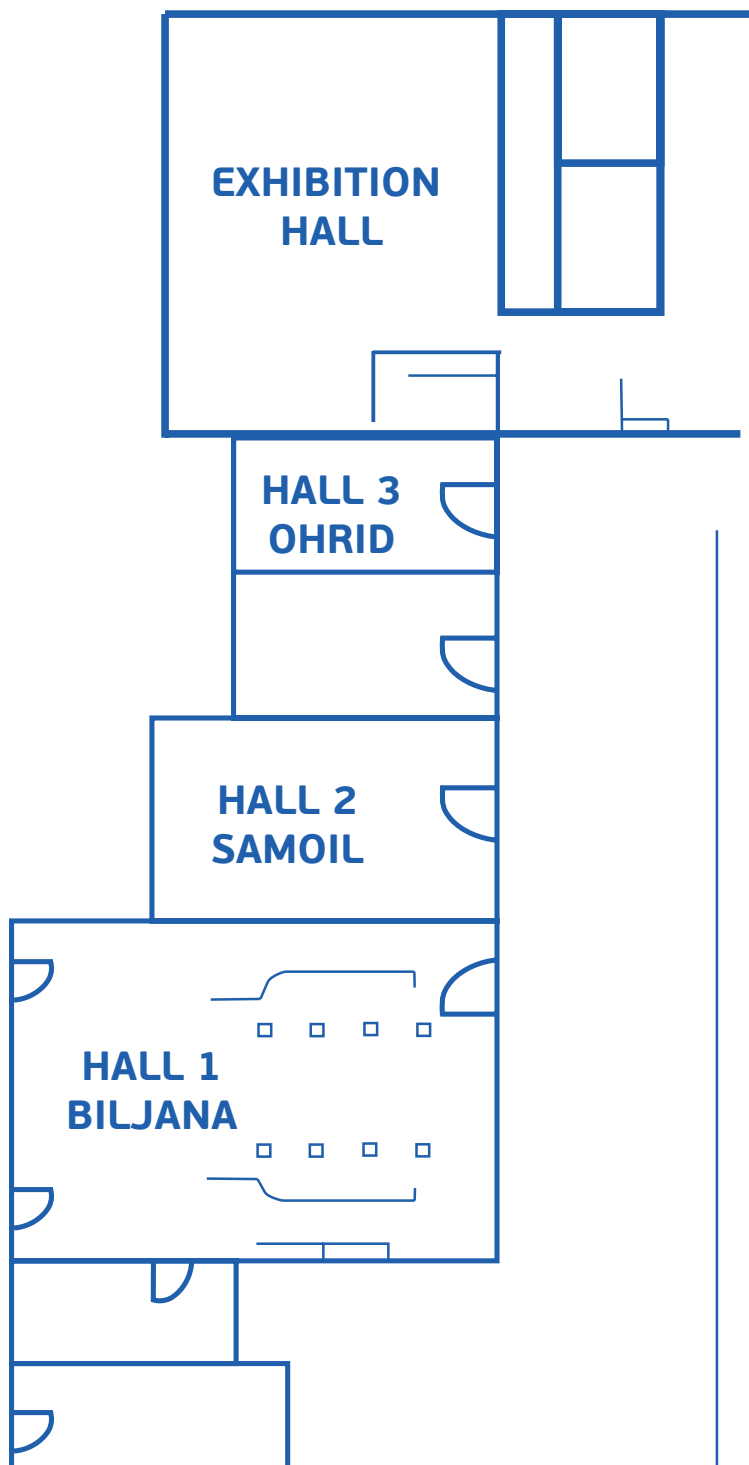
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МАПА НА КОНРЕСОТ/CONGRESS MAP



FEMS-supported Symposium: "Emerging infections" 30-31 May 2018

30 May (Wednesday) 2018		
14:00-17:00	Registration	Next to the reception

17:15-18:00	Opening of the Symposium	Hall 1 - "Biljana"
17:15 - 17:30	Welcome address – representatives of MMS and FEMS	
17:30 - 18:00	Fascinating proteins and the future of FEMS.	Bauke Oudega, FEMS President, Amsterdam, The Netherlands

18:00 - 19:30	Plenary Lectures	Hall 1 - "Biljana"
18:00-18:30/VI 1	Molecular determinants of the persistence of influenza viruses outside their hosts	Jean-Claude Manuguerra – Paris, France
18:30-19:00/PIM1	Parasitic diseases in a changing world: epidemiology and diagnostic problems	Edoardo Pozio, Rome, Italy
19:00-19:30/BI 1	New challenges and solutions in diagnostic microbiology	Elena Trajkovska Dokic, Skopje, Republic of Macedonia

20:00 - 20:30	OPENING CEREMONY for 6th Congress of the Microbiologists of Macedonia with international participation and FEMS supported Symposium	Hall 1 - "Biljana"
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20:30 - 23:30	WELCOME COCKTAIL
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31 May (Thursday) 2018		
08:30-09:00	Registration	Next to the reception

1ST SESSION 09:00 - 11:45	Challenges of Antimicrobial Resistance	Hall 1 - "Biljana"
Chairs:	Tanil Kocagoz, Ana Kaftandzieva, Nikola Panovski	
09:00 - 09:20/ AMR 1	Antibiotic resistant Escherichia coli	Eliona Z. Ron, Tel Aviv, Israel
09:20 - 09:40/ AMR 2	Phenotypic methods and innovative technologies to detect multidrug-resistant pathogens	Athanassios Tsakris, Athens, Greece
09:40 - 10:00/ AMR 3	Developments in antibiotic susceptibility tests: phenotypic versus genotypic	Tanil Kocagoz, Istanbul, Turkey

10:00 - 10:20/ AMR 4	Helicobacter pylori and antimicrobial resistance: a global problem	Teresa Alarcon, Madrid, Spain
10:20 - 10:35/ AMR 5	Carbapenem resistant Enterobacteriaceae-an emerging threat	Ana Kaftandzieva, et al., Skopje, Republic of Macedonia
10:35 - 11:00	Discussion	
11:00 - 11:45	SATELLITE SYMPOSIUM	Alkaloid

11:45 - 12:00	COFFEE BREAK
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2 ND SESSION 12:00 - 14:00	<i>Bacterial Infections and Zoonotic Diseases</i>	Hall 1 - "Biljana"
Chairs:	Ian Clarke, Milena Petrovska, Vaso Taleski	
12:00 - 12:20/BI 2	The chlamydial plasmid: its role in tropism and virulence	Ian Clarke, Southempton, United Kingdom
12:20 - 12:40/BI 3	Trends in foodborne zoonoses: Austria versus Europe	Franz Allerberger, Wien, Austria
12:40 - 13:00/BI 4	How to approach C. difficile as an emerging zoonosis	Maja Rupnik, Maribor, Slovenija
13:00 - 13:10/BI 5	New Brucella strains towards re-emerging trends of brucellosis	Vaso Taleski, Shtip, Republic of Macedonia
13:10 - 13:20/BI 6	Biofilms: a role in recurrent urinary tract infections	Liljana Labacevska-Gjatovska, Skopje, Republic of Macedonia
13:20 - 13:30/BI 7	Metabolite changes E.faecalis co-culturing with C.albicans and P.mirabilis within mixed-specie biofilms	Kart D, Nemutlu E, Ankara, Turkey
13:30 - 14:00	Discussion	

14:00 - 15:00	Ручек / Lunch
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4 TH SESSION 15:00 - 16:00	<i>Viral Infections</i>	Hall 1 - "Biljana"
Chairs:	Angel Galabov, Tatjana Grdanoska, Golubinka Boshevska	
15:00 - 15:20/VI 2	Cycluridine: A novel antiviral effective against flaviviruses	Angel Galabov, Sofia, Bulgaria
15:20 - 15:30/VI 3	Re-emergence of hantan virus in Macedonia	Golubinka Boshevska, Skopje, Macedonia
15:30 - 15:40/VI 4	Prevalence of tick-borne encephalitis in endemic regions of the Croatian mainland, 2017.	M. Bogdanic, Arbovirus study group, Zagreb, Croatia
15:40 - 16:00	Discussion	

5 TH SESSION 16:00 - 17:30	<i>Parasitic Infections and Mycology</i>	<i>Hall 1 - "Biljana"</i>
Chairs:	Edoardo Pozio, Olgica Gjurovic-Gjakovic, Gordana Mirchevska	
16:00 - 16:20/ PIM 2	Is toxoplasmosis an emerging disease? New insights.	Olgica Gjurovic-Gjakovic, Belgrade, Serbia
16:20 - 16:35/ PIM 3	Are fish-born parasitic diseases emerging in Europe?	María Ángeles Gómez-Morales, Rome, Italy
16:35 - 16:45/ PIM 4	Novel antimalarials: aminoquinolines affording murine survival with huge levels of parasitemia.	J.Srbijanovic et al, Blegrade, Serbia
16:45 - 17:05/ PIM 5	Emerging fungal infections	Mine Doluca Dereli, Izmir, Turkey
17:05 - 17:15/ PIM 6	Evaluation of methods for diagnosis of invasive candidiasis	Gordana Mirchevska, Kotevska et al, Skopje, R.Macedonia
17:15 - 17:30	Discussion	

20:30 - 23:59	HOTEL DINNER/ FREE EVENING
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POSTER SESSION

31 May (Thursday) 2018

1 ST SESSION 18:30 - 18:45	<i>Challenges of Antimicrobial Resistance</i>	<i>Hall 2 - "Samoil"</i>
Chairs:	Tanil Kocagoz, Zaklina Cekovska, Gordana Jankoska,	
18:00 - 18:05/ AMR 6	Phenotypic characterization of multidrug resistant <i>Acinetobacter baumannii</i>	B.Kakaraskoska Boceska, et al, R.Macedonia
18:05 - 18:10/ AMR 7	Comparative in vitro activities of first and second generation cationic steroid antibiotics and various antibiotics against carbapenem-resistant <i>Klebsiella pneumoniae</i> strains	D.D.Çelik, et al, Istanbul, Turkey
18:10 - 18:15/ AMR 8	Effects of various antibiotics alone or in combination with meropenem against <i>Achromobacter xylosoxidans</i> strains isolated from cystic fibrosis patients	D.Damar Çelik, et al, Istanbul, Turkey
18:15 - 18:20/ AMR 9	Investigation of ceftazidime-avibactam susceptibility in Enterobacteriaceae and <i>Pseudomonas aeruginosa</i> isolates by disk diffusion and gradient methods	D.Öcal, et al, Ankara, Turkey
18:20 - 18:25/ AMR 10	Investigation of the efficacy of ceftolozane-tazobactam and ceftazidim-avibactam in carbapenem resistant Enterobacteriaceae isolates	D.Öcal, et al, Ankara, Turkey
18:25 - 18:30/ AMR 11	Antimicrobial susceptibility patterns of Gram-negative bacteria isolated from patients admitted to tertiary care hospitals in Serbia	I.Gajic, et al, Belgrade, Serbia

18:30 - 18:35/ AMR 12	Tuberculosis and drug resistance 2009-2016.	B.Shurbevaska Boneva, et al, Skopje, R.Macedonia
18:35 - 18:45	Discussion	

2 ND SESSION 18:45 - 19:30	<i>Bacterial Infections and Zoonotic Diseases</i>	Hall 2 - "Samoil"
Chairs:	Maja Rupnik, Vesna Kotevska, Liljana Labacevska Gatovska	
18:45 - 18:50/BI 8	Detection of biofilm production and susceptibility to tigecycline among clinical isolates of <i>Acinetobacter baumannii</i>	S.Popovic, et al, Belgrade, Serbia
18:50 - 18:55/BI 9	The evaluation of ciprofloxacin and various agent combinations on drip flow reactor based <i>P.aeruginosa</i> biofilm models	D. Kart, et al, Ankara, Turkey
18:55 - 19:00/ BI 10	Bacterial pathogens in patients with cystic fibrosis	B.Mehmeti, et al, Skopje, R.Macedonia
19:00 - 19:05/ BI 11	Follow up of blood cultures with quality indicators after in-service training	D.Öcal, et al,
19:05 - 19:10/ BI 12	Investigation of <i>Anaplasma</i> / <i>Ehrlichia</i> species with microscopic and molecular methods in cattle in Karaman province	İ.T.Önder, et al, Ankara, Turkey
19:10 - 19:15/ BI 13	A rare agent of brain abscess: <i>Nocardia otitidiscaviarum</i> and antimicrobial susceptibility test results	E.Çalışkan, et al, Ankara, Turkey
19:15 - 19:20/ BI 14	Seroprevalence of <i>Borrelia</i> IgG and IgM antibodies in relation to reported tick bites and symptoms in Skopje region	K.Icev, et al, Skopje, R.Macedonia
19:20 - 19:25	Discussion	
19:25 - 19:30	CONCLUSION	

3RD SESSION 18:00 - 18:35	<i>Emerging Trends of Hospital Infection and Control</i>	Hall 3 - "Ohrid"
Chairs:	Katja Popovska, Gordana Mirchevska, Nikola Panovski	
18:00 - 18:05/HI 1	Microbial colonization of medical devices in intensive care units.	B.Petrovska Basovska, et al, Skopje, R.Macedonia
18:05 - 18:10/HI 2	<i>Clostridium difficile</i> ribotypes in hospitalized patients.	K.Mihajlov, et al, Skopje, R.Macedonia
18:10 - 18:15/HI 3	Bacterial isolates in wound infections at a tertiary care hospital in Kosovo.	R.Bajrami-Halili, et al, Prishtina, Kosovo
18:15 - 18:20/HI 4	An overview of the most common isolates from wound specimens.	S.Cvetanoska, et al, Skopje, R.Macedonia
18:20 - 18:25/HI 5	Ventilator associated pneumonia cases caused by <i>Delftia acidovorans</i> .	E.Çalışkan, et al, Ankara, Turkey

18:25 - 18:30/HI 6	A knowledge and perception assessment of nurses towards hand hygiene in Northern Cyprus.	M.Güran, et al, Famagusta, Turkey
18:30 - 18:35	Discussion	

4 TH SESSION 18:35 - 19:05	<i>Viral Infections</i>	Hall 3 - "Ohrid"
Chairs:	Jean-Claude Manugerra, Elena Trajkovska Dokic, Golubinka Boshevskaa	
18:35 - 18:40/VI 5	MediLabSecure: A virology and entomology laboratories network for a One Health approach of vector-borne and emerging viruses in the Mediterranean and Black Sea regions.	G.Mikaty, et al, France, Spain, Italy
18:40 - 18:45/VI 6	Prevalence of high risk HPV genotypes among women with cervical cancer in Macedonia in the light of nine-valent HPV vaccine.	E.Krstevska- Kelepurovska, et al, Bitola, R.Macedonia
18:45 - 18:50/VI 7	MDM2309 (rs2279744) polymorphisms and risk for HPV persistence and cervical intraepithelial lesions and cervical cancer development in Macedonian women.	S.Duvlis, et al, Skopje, R.Macedonia
18:50 - 18:55/VI 8	Respiratory syncytial virus in hospitalized patients with acute respiratory tract infection.	S.Kirdar, et al, Aydin,Turkey
18:55 - 19:00/V 9	Isolation of an infectious haematopoietic necrosis virus in Ukraine.	Y.Rud, et al, Kyiv, Ukraine
19:00 - 19:05	Discussion	

5 TH SESSION 19:05 - 19:35	<i>Parasitic Infections and Mycology</i>	Hall 3 - "Ohrid"
Chairs:	Maria Angeles Gomes-Morales, Maja Jurhar Pavlova, Mine Doluca Dereli	
19:05 - 19:10/ PIM 7	Clinical and hospitalization features of cystic echinococcosis cases in Karaman, Turkey	E.Adiguzel, et al, Karaman Turkey
19:10 -19:15/ PIM 8	Status of antiparasitic drug application of animal breeders	M.F.Aydın, et al, Karaman Turkey
19:15 - 19:20/ PIM 9	Clinical significance of molecular diagnosis of toxoplasmosis in hscst recipients	Tijana Štajner, et al, Belgrade,Serbia
19:20 - 19:25/ PIM 10	Pathogenic yeasts detected of fruits and vegetables on surface collected from Istanbul, Pendik, Turkey	Z.Altınöz, N.Cerikcioglu, Istanbul, Turkey
19:25 - 19:30	Discussion	
19:00 - 19:35	CONCLUSION	

20:30 - 23:59	HOTEL DINNER/ FREE EVENING
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VI Конгрес на микробиолозите на Македонија со меѓународно учество

01-02 јуни 2018

VI Congress of Macedonian Microbiologists with international participation

01-02 Juni 2018

01 јуни (петок) 2018/ 01 June (Friday) 2018, Hall 1 - "Biljana"

8:00

Регистрација/Registration

Next to the reception

1. Сесија/ 1 session 08:30 - 11:45	Болнички инфекции и нивна контрола/ Hospital Infections and Control	Hall 1 - "Biljana"
Модератори/ Moderators	Katja Popovska, Lul Raka, Vesna Gerasimovska	
08:30 - 08:50/ HAI 1	Health care-associated infections in Kosova: challenges and solutions	Lul Raka
08:50 - 09:05/ HAI 2	Detection of environmental sources of <i>Clostridium difficile</i> in ICU on Clinic of Neurosurgery	Katja Popovska et al.
09:05 - 09:20/ HAI 3	Nosocomial infections in intensive care unit	Biljana Andonovska et al.
09:20 - 09:35/ HAI 4	Централни венски катетери за хемодијализа и ризикот од катетер поврзани инфекции предизвикани од грам позитивни коки	Весна Герасимовска
09:35 - 09:50/ HAI 5	Multiresistant strains of bacterial isolates in stem cells transplant recipients,	Zlate Stojanovski
09:50 - 10:00/ HAI 6	Microbiology of cardiac implantable electronic device infections,	Josip Vincelj et al.
10:00 - 10:10/ HAI 7	Occurrence of catheter-associated urinary tract infection of trauma patients in ICU	Akela Beqaj et al.
10:10 - 10:20/ HAI 8	Infection after anterior cruciate ligament reconstruction	Alan Andonovski et al.
10:20 - 10:30/ HAI 9	Уринарни инфекции предизвикани од интрахоспитални соеви на бактерии на Клиниката за нефрологија во Скопје	Весна Герасимовска и соп.
10:30 - 10:40/ HAI 10	Epidemiological surveillance of hospital hygiene at the Clinical Hospital Bitola in 2017	Svetlana Popovska Kljuseva et al.
10:40 - 11:00	Дискусија/ Discussion	
11:00 - 11:45	САТЕЛИТСКИ СИМПОЗИУМ/ SATELITTE SYMPOSIUM (45 min.)	BIOTEK

2. сесија/ 2 session 11:45 - 13:15	Медицинска бактериологија/ Medical Bacteriology	Hall 1 - "Biljana"
Модератори/ Moderators	Lazar Ranin, Gordana Jankoska, Vaso Taleski	
11:45 - 12:05/ MB 1	The influence of surfactants on the production of biofilm of clinical isolates of <i>Acinetobacter baumannii</i> ,	Lazar Ranin et al.
12:05 - 12:15/ MB 2	Effect of <i>Lactobacillus</i> on biofilm production by <i>Gardnerella vaginalis</i> ,	Liljana Labachevska-Gjatovska et al.
12:15 - 12:25/ MB 3	Effects of <i>Pseudomonas aeruginosa</i> on growth and biofilm production of <i>Staphylococcus aureus</i> co-isolated from cystic fibrosis patients,	Mehmet Mucahit Guncu et al.
12:25 - 12:40/ MB 4	Сексуално преносливи инфекции како голем глобален проблем,	Вело Марковски
12:40 - 12:55/ MB 5	<i>Ureaplasma urealyticum</i> in spermoculture - detection and importance,	Gordana Jankoska at al.
12:55 - 13:05/ MB 6	Culture and molecular methods for detection of <i>Mycobacterium tuberculosis</i> Complex,	Aksu B. et al.
13:05 - 13:15/ MB 7	From cough to tuberculosis - a sputum's way through our laboratory,	Biljana Boneva Shurbevaska et al.
13:15 - 13:30	Дискусија/Discussion	

13.30 - 14.30	Ручек / Lunch	
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3. Сесија/ 3 Session 14:30 - 17:15	Инфекција и имунитет/ Infection and Immunity	Hall 1 - "Biljana"
Модератори/ Moderators	Vesna Kotevska, Zoran Arsovski, Tatjana Grdanoska	
14:30 - 14:45/In 1	Infections in trauma surgery - are we getting any better?	Igor Kaftadziev et al.
14:45 - 14:55/In 2	Comparative analysis of clinical and microbiological finding in patients with fasciitis necroticans	Margarite Peneva at al.
14:55 - 15:10/In 3	The diffrence between frequency, clinical manifestations and therapy of <i>Campylobacter</i> and <i>Salmonella</i> in Republic of Macedonia	Snezana Stojkovska et al.
15:10 - 15:25/In 4	Non-cystic fibrosis bronchiectasis (NCFB) – heterogeneity, microbiological findings and therapeutic approach	Zoran Arsovski et al.
15:25 - 15:40/In 5	Changes in cystic fibrosis airway microbial infections: an update	Stojka Fushtikj
15:40 - 15:55/In 6	Antimicrobial resistance in non-invasive <i>Streptococcus pneumoniae</i> strains	Vesna Kotevska et al
15:55 - 16:05/In 7	Evaluation of the sputum quality assessment and its correlation with the isolated respiratory pathogens	Gorica Popova et al.

16:05 - 16:20/In 8	Serologic immune response to respiratory pathogens, differences in children and adults	Tatjana Grdanoska et al.
16:20 - 16:30/In 9	ROC analysis of serum IgA and IgG antibody levels on the chlamydial MOMP antigen	Jelena Tošić-Pajić et al.
16:30-16:40/In 10	Investigation of etiology by Multiplex PCR method in autopsy cases considered for lower respiratory tract infection: A 5-year study	Nihan Ziyade et al.
16:40 - 16:50/ In 11	Brucellosis a neglected disease, still a serious concern for public health, a review at the University Hospital Center "Mother Teresa" in Tirana, Albania	E.Nushi et al.
16:50 - 17:00/ In 12	Clinical aspects of the emergence and treatment of ophthalmic infections	Beleska M et al.
17:00 - 17:15	Дискусија/Discussion	

4. сесија/ 4 session 17:15 - 19:15	<i>Антимикробна резистенција/ Antimicrobial Resistance</i>	<i>Hall 1 - "Biljana"</i>
Модератори/ Moderators	Zaklina Cekovska, Nikola Panovski, Ana Kaftandzieva	
17:15 - 17:30/AR 1	Antimicrobial resistance in Republic of Macedonia – results from CAESAR network	Zaklina Cekovska et al.
17:30 - 17:45/AR 2	Trends in percentages of antimicrobial resistance of invasive isolates in Europe and R.Macedonia in the period 2012-2107	Nikola Panovski et al.
17:45 - 18:00/AR 3	Antimicrobial susceptibility of <i>Campylobacter</i> isolates	Elena Trajkovska-Dokic et al.
18:00 - 18:10/AR 4	Retrospective evaluation of antibiotic resistance in <i>Escherichia coli</i> and <i>Klebsiella</i> isolates in hospitalized patients: a 7-year analysis	Cigdem Arabaci, Mehmet M. Guncu et al.
18:10 - 18:20/AR 5	Carbapenem resistance rates of <i>Enterobacteriaceae</i> isolated from pediatric urinary tract infections	Deniz Guneser et al.
18:20 - 18:30/AR 6	Toxin genes and antimicrobial resistance in MRSA isolated from intensive care unit	Kubra Ozguler et al.
18:30 - 18:40/AR 7	t030 was the most common spa type among "non-typeable" methicillin-resistant <i>Staphylococcus aureus</i> isolates in Turkey	Sule Kirca et al.
18:40 - 18:50/AR 8	Investigation of the change in antibiotic susceptibility of clinical <i>Streptococcus agalactiae</i> isolates over years	Cigdem Arabaci, Mehmet M. Guncu et al.
18:50 - 19:00/AR 9	Susceptibility Rates of <i>Mycobacterium tuberculosis</i> complex Isolates	Karahasan A. et al.
19:00 - 19:15	Дискусија/Discussion	

01 јуни (петок) 2018/ 01 June (Friday) 2018, Hall 2 - "Samoil"

8:00

Регистрација/Registration

Next to the reception

6. Сесија/ 6 session 09:00 - 11:45	Биотехнологија, еколошка микробиологија/ Biotechnology, Enviromental Microbiology	Hall 2 - "Samoil"
Модератори/ Moderators	Colin Harwood, Uroš Cvelbar, Dzoko Kungulovski	
09:00 - 09:20/ BE 1	Bacillus protein secretion: from the cradle to the grave,	Colin Harwood
09:20 - 09:35/ BE 2	Biosynthesis of silver nanoparticles by culture free supernatant of <i>Staphylococcus citrui</i> fns-bcc 61 and its antibacterial activity	Natalija Atanasova-Pancevska et al.
09:35 - 09:45/BE 3	Aerobic granular microorganisms - a new technology in industrial wastewater treatment,	Kungulovski Ivan et al.
09:45 - 09:55/BE 4	Biological treatment of petrochemical wastewater by applying native and granulated microorganisms,	Ismail Erdil at al.
09:55 - 10:05/BE 5	Characterization and arsenic-tolerance potential of <i>Halomonas</i> sp. from Van Lake, Turkey,	E.Ersoy Omeroglu et al.
10:05 - 10:20/BE 6	Atmospheric pressure plasma decontamination of medically important biofilms,	Martina Modic at al.
10:20 - 10:35/BE 7	Design of advanced antibacterial coatings with plasma-assisted deposition,	Uroš Cvelbar at al.
10:35 - 10:45/BE 8	Plasma technology for decontamination of mycotoxins,	Nataša Hojnik at al.
10:45 - 10:55/BE 9	Effect of secondary metabolites of <i>Lactobacillus</i> species isolated from vaginal cultures on the proliferation of HCT 116 colon cancer cells,	Mujde Eryilmaz at al.
11:00 - 11:45	САТЕЛИТСКИ СИМПОЗИУМ/ SATELITTE SYMPOSIUM (45 min.)	BIOTEK (Hall 1 - "Biljana")

7. сесија/ 7 session 12:00 - 13:00	Микробиологија и безбедност на храна/ Microbiology and Food Safety	Hall 2 - "Samoil"
Модератори/ Moderators	Hristo Najdenski, Dejan Jankulovski	
12:00 - 12:20/ FM 1	Climate changes and foodborne pathogens,	Hristo M.Najdenski
12:20 - 12:40/ FM 2	Molecular characterization of foodborne pathogens,	Dean Jankuloski et al.
12:40 - 12:50/ FM 3	Antibiotic resistance and <i>spa</i> types of <i>Staphylococcus aureus</i> strains isolated from food workers in food businesses and hospital kitchen in Canakkale, Turkey,	Nesrin Cakici at al.
12:50 - 13:00	Дискусија/Discussion	

13.30 - 14.30

Ручек / Lunch

8. Сесија/ 8 Session 14:30 - 15:45	Антимикробни средства/ Antimicrobial Agents	Hall 2 - "Samoil"
Модератори/ Moderators	Kristina Hristova, Nikola Panovski	
14:30 - 14:45/AA 1	Microbiological aspects of some agents and methods for oral prevention in school children,	Aleksandar Dimkov
14:45 - 15:00/AA 2	Фалсификувани лекови-како успешно да се бориме против овој глобален предизвик и проблем,	Илчо Захаријев и сор.
15:00 - 15:15/AA 3	Consumption of antibacterial prescription medicines on the burden of the Health Insurance Fund of Macedonia,	Kristina Hristova et al.
15:15 - 15:25/AA 4	Prophylactic antimicrobial prescribing in adult inpatients - Data from the Global Point Prevalence Survey of Antimicrobial Consumption and Resistance (Global -PPS 2015) in Skopje,	Erjona Shaqiri at al.
15:25 - 15:35/AA 5	Antibiotics, a part of the hospital treatment,	Snezana Spirovska et al.
15:35 - 15:45	Дискусија/Discussion	

9 . сесија/ 9 session 15:45 - 16:45	Паразитологија, микологија, ентомологија/ Parasitology, Mycology, Entomology	Hall 2 - "Samoil"
Модератори/ Moderators	Jovana Stefanovska, Maja Jurhar Pavlova	
15:45 - 16:00/ PME 1	Short overview of parasitic zoonotic diseases in R.Macedonia and one health approach	Jovana Stafanovska
16:00 - 16:15/ PME 2	Taeniasis/Neurocisticercosis (NCC) in the Republic of Macedonia: importance and gaps	Maja Jurhar Pavlova et al.
16:15 - 16:25/ PME 3	Tinea capitis caused by <i>Trichophyton</i> – case report	Danica Cvetkovic et al.
16:25 - 16:35/ PME 4	Surveillance of invasive mosquitoes in the Republic of Macedonia in 2016-2017	Nikolina Sokolovska et al.
16:35 - 16:45	Дискусија/Discussion	

10 . сесија/ 10 session 16:45 - 17:45	Вирусологија/ Virology	Hall 2 - "Samoil"
Модератори/ Moderators	Lul Raka, Golubinka Boshevska	
16:45 - 17:00/V 1	Prevalence and molecular epidemiology of West Nile virus infections in Croatia, 2017,	Irena Tabain et al.
17:00 - 17:10/V 2	Investigation of anti delta antibody prevalence in HBsAg positive patients from Turkey,	Deniz Güneşer et al.
17:10 - 17:20/V 3	Measles outbreak in Kosovo: epidemiology and laboratory diagnosis,	Gjyle Mulliqi-Osmani et al

17:20 - 17:30/V 4	Карактеризација на 2017/2018 инфлуенца сезоната во Република Македонија,	М.Кузмановска и соп.
17:30 - 17:45	Дискусија/Discussion	

20:30 - 01:00	COCTAIL PARTY - FAREWELL COCKTAIL
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02 јуни (сабота) 2018/ 02 June (Saturday) 2018, Hall 1 - "Biljana"		
5 сесија/ 5 session 09:30 - 10:50	Лабораториски методи во микробиологијата/ Laboratory Methods in Microbiology	Hall 1 - "Biljana"
Модератори/ Moderators	Milena Petrovska, Mile Bosilkovski	
09:30 - 09:50/M 1	Microbiological diagnostics in the Republic of Macedonia - we want closer to the European Union,	Milena Petrovska
09:50 - 10:00/M 2	All the tasks of clinical microbiology laboratory,	Biljana Curcic et al.
10:00 - 10:15/M 3	The role of microbiological diagnostics in fever of unknown origin,	Mile Bosilkovski
10:15 - 10:30/M 4	Diagnostic possibilities in respiratory infections,	Irena Kondova Topuzovska et al.
10:30 - 10:40/M 5	Употреба на индикаторите за квалитет во пре-аналитичка фаза како услов за унапредување на ефикасноста во микробиолошката лабораториската пракса,	Иванка Хаџи-Петрушева Мелоска и соп.
10:40 - 10:50	Дискусија/Discussion	
	Затворање на Конгресот, Closing Remarks	Hall 1 - "Biljana"

ПОСТЕР СЕСИИ/POSTER SESSIONS

02 јуни (сабота) 2018/02 June (Saturday) 2018

1. сесија/ session 11:00 - 11:40	Болнички инфекции и нивна контрола/ Hospital Infections and Control	Hall 2 - "Samoil"
Модератори/ Moderators	Milena Petrovska, Gordana Mirchevska	
11:00 - 11:05/HAI 11	The Bristol stool scale and its relationship to Clostridium difficile testing results in medical and surgical departments	Milica Jovanović et al.
11:05 - 11:10/HAI 12	Prevalence of Staphylococcus aureus in hospitalized patients in Tirana	Kika (Brati) Blerta et al.
11:10 - 11:15/HAI 13	Compliance of healthcare workers to hand hygiene practices in neonatal intensive care units: overt observation	Gamze Alci et al.
11:15 - 11:20/HAI 14	Candida colonization in patients with risk factor for invasive fungal infections in the ICU and its connection to candidemia	N. Gjylameti et al.
11:20 - 11:25/HAI 15	Antimicrobial resistance pattern of Pseudomonas aeruginosa in a tertiary care hospital in Kosovo	Greta Lila et al.
11:25 - 11:30/HAI 16	Neonatal sepsis - our experience in neonatal intensive care unit	Hristina Mandzukovska
11:30 - 11:40	Дискусија/Discussion	

2. сесија/ session 11:40 - 12:50	Медицинска бактериологија/ Medical Bacteriology	Hall 2 - "Samoil"
Модератори/ Moderators	Gordana Jankoska, Vaso Taleski, Snezana Ivic Klevska	
11:40 - 11:45/MB 8	Identification of mycobacteria with biochemical methods in the past,	Sandra Ažman et al.
11:45 - 11:50/MB 9	Tuberculosis in children-9 years experience in identification of mycobacterial species,	Trajanka Ilievska et al.
11:50 - 11:55/MB 10	Tuberculous pleural effusion—Case report	L..Maninska
11:55 - 12:00/MB 11	Isolates of Mycobacterium tuberculosis from sputum in microbiological laboratory – Clinical Hospital Bitola in the period 2013 – 2017,	Vladimir Radevski et al.
12:00 - 12:05/MB 12	Biosafety equipment and laboratory acquired infections in the macedonian public health microbiological laboratories,	Biljana Kakaraskoska Boceska et al
12:05 - 12:10/MB 13	Генитални инфекции со <i>Streptococcus agalactiae</i> во репродуктивниот период на жените,	Анастасија Димеска и соп.
12:10 - 12:15/MB 14	<i>Salmonella</i> detection in out-clinic patients in Skopje and its surrounding,	Shumanovska A. et al.
12:15 - 12:20/MB 15	The most common agents of urinary infections in patients treated in PHI Re-Medica in 2018,	Snezana Ivic-Klevska

12:20 - 12:25/MB 16	<i>Enterococcus faecalis</i> како причинител на уринарни инфекции и неговата сензитивност према антибиотици,	Елена Милоскоска Богојеска и соп.
12:25 - 12:30/MB 17	<i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i> in urine samples and antimicrobial susceptibility,	Aferdita Kurti-Karameta et al.
12:30 - 12:35/MB 18	Excellent experience in treatment of bacterial urinary infections with combination of antibiotic and uro-antiseptic,	Svetlana Pecovska
12:35 - 12:40/MB 20	Bacterial isolates in ambulatory patients with urinary infections in microbiological laboratory at Clinical Hospital – Bitola in the period of 2017,	Vladimir Radevski et al.
12:40 - 12:50	Дискусија/Discussion	

3. Сесија/ Session 12:50 - 13:30	Инфекција и имунитет/ Infection and Immunity	Hall 2 "Samoil"
Модератори/ Moderators	Vesna Kotevska, Tatjana Grdanoska	
12:50 - 12:55/In 13	Atypical bacterial and viral profile in respiratory tract infections,	Arsim Kurti et al.
12:55 - 13:00/In 14	Legionella pleuropneumonia in childhood - a case report,	Katerina Boskovska et al.
13:00 - 13:05/In 15	Procalcitonin guided antibiotic therapy in low respiratory infections- meta analysis,	Maja V.Duganovska et al.
13:05 - 13:10/In 16	Evaluation of etiological agents of gastrointestinal infections in hospitalized patients at the University Clinic for infectious diseases and febrile conditions in Skopje,	Eftimovski Georgi et al
13:10 - 13:15/In 17	Epidemiological and clinical characteristics of patients with a high ASO titer,	Mishkova S. et al.
13:15 - 13:20/In 18	Haematological leukocytic changes in ophthalmic infections,	Velkovski Z. et al.
13:20 - 13:30	Дискусија/Discussion	

4. сесија/ session 13:30 - 14:15	Антимикробна резистенција/ Antimicrobial Resistance	Hall 2 "Samoil"
Модератори/ Moderators	Zaklina Cekovska, Ana Kaftandzieva	
13:30 - 13:35/AR 10	Antibiotic susceptibility of <i>Helicobacter pylori</i> isolates from bioptic material,	Andjela Prokić
13:35 - 13:40/AR 11	Bacterial etiology and antibiotic resistance patterns at University Hospital "Shefqet Ndroqi" in Tirana, Albania, during 2017,	Lenida Suraj et al.
13:40 - 13:45/AR 12	Prevalence and antimicrobial resistance patterns of extended-spectrum β -lactamase-producing <i>Escherichia coli</i> in Bitola, 2017: a descriptive study of reported isolates,	S.Popovska Kljuseva et al.
13:45 - 13:50/AR 13	Resistance rates of <i>Staphylococcus spp.</i> isolated from wound and nasal samples against mupirocin and other antibiotics,	Duygu Ocal et al.

13:50 - 13:55/AR 14	Investigation of carbapenemases in carbapenem resistant <i>Enterobacteriaceae</i> isolates with various methods,	Şeyma Singer et al.
13:55 - 14:00/AR 15	Antimicrobial susceptibility profile and cumulative antibiogram of urinary <i>E.coli</i> isolates to guide empirical treatment in older patients,	Zeycan Semerci et al.
14:00 - 14:05/AR 16	Antimicrobial susceptibility patterns in <i>Haemophilus influenzae</i> strains isolated in Macedonia,	Elena Krstevska-Kelepurovska et al.
14:05 - 14:15	Дискусија/Discussion	

6,7 сесија/ 6,7 session 11:00 - 11:25	Биотехнологија, еколошка микробиологија/ Biotechnology, Enviromental Microbiology Микробиологија и безбедност на храна/Microbiology and Food Safety	Hall 3 - "Ohrid"
Модератори/ Moderators	Martina Modic, Dzoko Kungulovski	
11:00 - 11:05/BE 10	Isolation and characterisation of wild yeasts of winery interest,	Dobrin Kocев et al.
11:05 - 11:10/BE 11	Effect of arsenate and arsenite on the growth of arsenic-resistant <i>Halomonas campisalis</i> from Van Lake, Turkey,	Ersoy Omeroglu E., A. Bayer et al.
11:10 - 11:15/BE 12	Trends of bathing water quality in Velipoja, Shëngjin, Durrës, Gjiri I Lalëzit, Kavajë, Divjakë, Seman, Vlora, Palasë, Dhërmi, Himarë, Qeparo, Borsh and Saranda coastals during 2013-2017,	Oltiana Petri et al.
11:15 - 11:20/FM 4	Quality provision of laboratory results in the laboratory for sanitary microbiology,	Angela Delova et al.
11:20 - 11:25	Дискусија/Discussion	

8. сесија/ 8 session 11:25 - 12:15	Антимикробни средства/ Antimicrobial Agents	Hall 3 - "Ohrid"
Модератори/ Moderators	Natalija Atanasova-Pancevska, Ilcho Zahariev	
11:25 - 11:30/AA 6	Which antibiotics are most used in Clinical Hospital Bitola,	Snezana Spirovska et al.
11:30 - 11:35/AA 7	Potential antimicrobial activity of different honey types from Macedonia,	Natalija Atanasova-Pancevska et al.
11:35 - 11:40/AA 8	Testing viability of the strain <i>Lactobacillus rhamnosus</i> LB 64 during the production of a probiotic medication in the form of tablets,	Vesna Cvetković et al.
11:40 - 11:45/AA 9	Ascendant of lactic acid bacteria <i>Lactobacillus brevis</i> L62 over <i>Salmonella</i> enteric serotype Typhimurium STRR in mixed culture,	Višnja Bačun-Družina et al.
11:45 - 11:50/AA 10	Evaluation of in vitro antibacterial activity of extracts from liverwort plants obtained in black sea region of Turkey,	Mehmet Mucahit Guncu et al.

11:50 - 11:55/AA 11	Method suitability test for determination of microbiological purity of Aciklovir cream 5%,	Jovana Ilievska et al.
11:55 - 12:00/AA 12	Validation of method for determination of microbiological purity of Verapamil retard tablets 240 mg,	Nadezhda Stojkova Unchevska et al.
12:00 - 12:05/AA 13	Validation of method for examination of microbiological quality of Moxifloxacin film- coated tablets 400 mg	Vladimir Kostovski et al.
12:05 - 12:15	Дискусија/Discussion	

9. Сесија/ 9 Session 12:15 - 13:00	Паразитологија, микологија, ентомологија/ Parasitology, Mycology, Entomology	Hall 3 - "Ohrid"
Модератори/ Moderators	Maja Jurhar Pavlova, Danica Cvetkovic	
12:15 - 12:20/ PEM 5	Fluorescence microscopy of Aspergillus in bronchial brushing samples – case report,	Slavica Kostadinova Kunovska et al.
12:20 - 12:25/ PEM 6	Abdominal echinococcosis with multiple bilateral ovarian echinococcus granulosus cysts (case report),	Boro Ilievski et al.
12:25 - 12:30/ PEM 7	Seroprevalence of human hydatidosis in the city of Nis – southeastern Serbia,	Nataša Miladinović Tasić
12:30 - 12:35/ PEM 8	Serological diagnosis of infection with <i>Echinococcus</i> – our experience,	Elizabeta Veleska et al.
12:35 - 12:40/ PEM 9	Parasites in the Republic of Macedonia for a period from 2011 to 2017 year,	E.Adamovska et al.
12:40 - 12:45/PEM 10	The effects of recent migration waves on the importing malaria in Serbia,	Dakić Zorica et al.
12:45 - 12:50/PEM 11	Case report : Parasitic infection in infant,	Snezana Zlateska et al.
12:50 - 13:00	Дискусија/Discussion	

10. сесија/ 10 session 13:00 - 14:00	Вирусологија/ Virology	Hall 3 "Ohrid"
Модератори/ Moderators	Golubinka Boshevska, Velo Markovski	
13:00 - 13:05/V 5	Activity of novel treatment scheme against Coxsackie virus B1 neuroinfection in mice,	Adelina Stoyanova et al.
13:05 - 13:10/V 6	Combined effects of newly synthesized diaryl ethers and some enteroviral inhibitors against Coxsackie virus B1,	Adelina Stoyanova et al.
13:10 - 13:15/V 7	Parvovirus B19 and anemic syndrome in pregnancy,	S. Voleva 1, St. Krumova et al.

13:15 - 13:20/V 8	Dried blood spots as a clinical material for laboratory diagnosis of vaccine-preventable diseases,	St. Krumova et al.
13:20 - 13:25/V 9	Retrospective evaluation of viral hepatitis serology in patients who apply to Marmara University Education and Research Hospital	I.Aydın et al.
13:25 - 13:30/V 10	Treating acute Hepatitis B with Isoprinosine,	S.Bisinova-Eftimova et al.
13:35 - 13:40/V 11	Скрининг на вирусот на западно нилска треска- WNV во комарци од Скопскиот регион,	Елизабета Јанческа и сор.
13:40 - 13:45/V 12	Cepheid s GeneXpert system in genotyping of human papillomaviruses,	Georgi Terziev et al.
13:45 - 14:00	Дискусија/Discussion	

	Затворање на Конгресот, Closing Remarks	Hall 1 - "Biljana"
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пациенти



Менингит



Тропски трески

- Ефикасен против најчестите респираторни причинители
Streptococcus pneumoniae, Haemophilus influenzae, Moraxella catarrhalis, Chlamidia pneumoniae, Mycoplasma pneumoniae, Legionella pneumophila
- Едноставен режим на дозирање - добар "compliance"
- Извонреден профил на сигурност и подносливост
- FDA категорија Б за употреба во тек на бременост*
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ЕДНОСТАВНОСТ ВО ТРИ ЧЕКОРИ

Терапевтски индикации: Инфекции на горни и долни дишни патишта (бактериски фарингитис/тонзилитис, акутен отитис медиа, акутен синуситис, актна егзацербација на хроничен бронхитис, интерстициска и алвеоларна пневмонија) предизвикани од микроорганизми осетливи на азитромицин: *Streptococcus pneumoniae, Haemophilus influenzae, Moraxella catarrhalis, Staphylococcus aureus, Chlamydia pneumoniae, Mycoplasma pneumoniae, Legionella pneumophila*. **Контраиндикации:** преосетливост на макролидни антибиотици. **Несакани дејства:** Повеќето од несаканите дејства кои може да се јават се благи до умерени и се реверзибилни по престанокот на употребата. Тие се главно поврзани со ГИТ (надуеност, мачнина, повраќање, пролив и стомачна болка). Може да се појави и транзитрно покачување на вредностите на црндробните трансминази, креатинин, LDH и билирубин, чии вредности се враќаат на нормала 2 д 3 недели по завршувањето на терапијата. **Дозирање и начин на употреба:** Азитромицин треба да се земе најмалку еден час пред или два часа после јадење (освен таблетите кои може да се земаат со или без храна). **Возрасни:** 500mg еднаш дневно во тек на 3 дена. **Деца:** 10mg/kg еднаш дневно во тек на 3 дена. **Начин на издавање:** на лекарски рецепт. Збирен извештај за особините на лекот е достапен на барање. **Број и датум на одобрение за ставање на лекот во промет:** 15-5069/11, 15-5070/11, 15-5071/11 од 30.01.2012, 11-1587/4 од 15.09.2015 и 11-1336/6 од 04.04.2016.

САМО ЗА ЗДРАВСТВЕНИ РАБОТНИЦИ.

Име и адреса на носителот на одобрението за ставање на лекот во промет: ПЛИВА ДООЕЛ Скопје, Никола Парапунов 66, Скопје.

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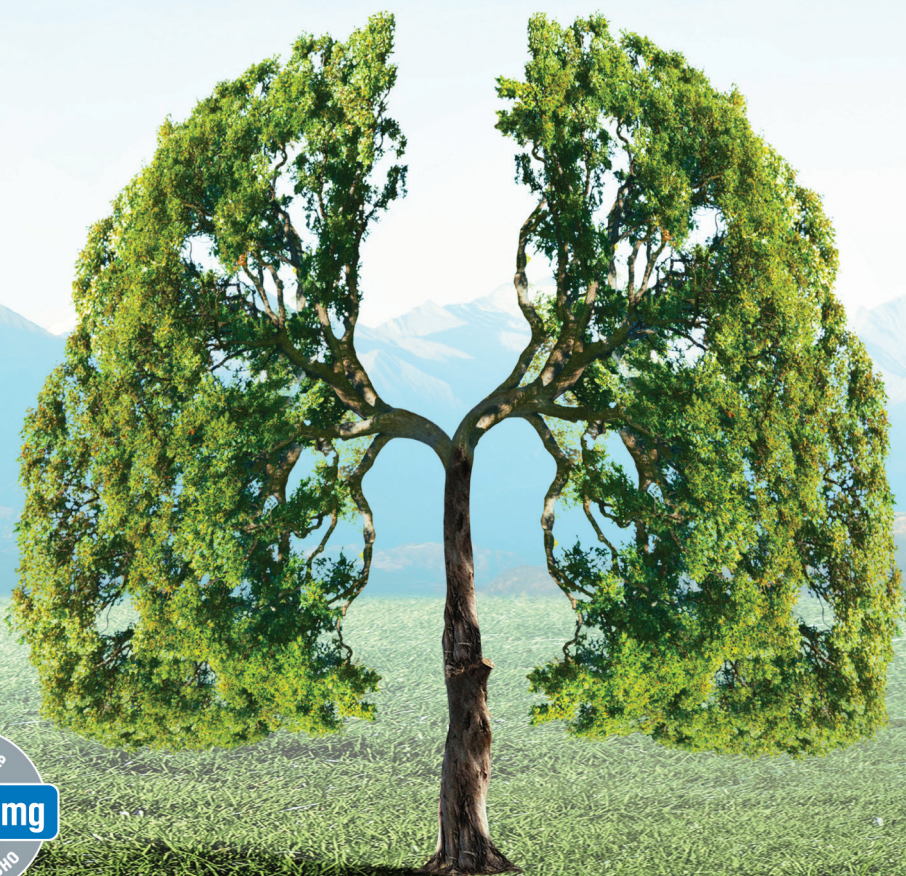


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РЕСПИРАТОРЕН
ФЛУОРОКИНОЛОН

MOXIRAL

moxifloxacin

филм-обложени таблети од 400 mg



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