

NATIONAL CENTER OF INFECTIOUS AND PARASITIC DISEASES BULGARIAN ASSOCIATION OF MICROBIOLOGISTS



Министерство на здравеопазването

Национален център
по заразни и паразитни болести

София, БЪЛГАРИЯ

Основан 1881



8TH NATIONAL SCIENTIFIC CONFERENCE ON HIV AND COINFECTIONS

November 29th and 30th, 2024 Expo Hotel Sofia

С ПОДКРЕПАТА НА

Министерство на здравеопазването
Република България. Национална програма
за превенция и контрол на ХИВ и сексуално
предавани инфекции 2021 - 2025 г.

WITH THE SUPPORT OF

Ministry of Health Republic of Bulgaria.
National Program for Prevention and Control
of HIV and Sexually Transmitted Infections
2021 - 2025.



EL PHARMA

PHOENIX REPRESENTATION SERVICES



More than Technology



MSD



Swixx BioPharma



8-TH NATIONAL SCIENTIFIC CONFERENCE
ON HIV AND COINFECTIONS

November 29th and 30th, 2024 Expo Hotel Sofia

Program

Day 1 Friday 29 November 2024

12:00 Welcome Coffee

13:00 Opening Words
Todor Kantardjiev

Session 1

Co-Chairs Maria Nikolova and Ivailo Alexiev

13:15 Immunological Monitoring of Chronic HIV Infection in the Context of Contemporary Antiretroviral Therapy and Aging with HIV

R. Emilova¹, Y. Todorova¹, D. Vangelov¹, I. Aleksiev², Nina Yancheva³, **M. Nikolova¹**

1. National Reference Laboratory of Immunology, NCIPD, Sofia, Bulgaria; 2. National HIV Reference Confirmatory Laboratory, NCIPD, Sofia, Bulgaria; 3. Specialized Hospital for Active Treatment of Infectious and Parasitic Diseases "Prof. Ivan Kirov", Sofia, Bulgaria

13:30 Cases of Severe *P. jirovecii* Pneumonia in Patients with AIDS, Hospitalized at the Ivan Kirov Specialized Hospital for Infectious and Parasitic Diseases during 2024

N. Yancheva-Petrova^{1,2}, D. Ivanov^{1,2}, R. Grozdeva^{1,2}, D. Strashimirov^{1,2}, E. Penchev¹, A. Farfarov⁴, N. Tsvetkova⁵, Y. Yamakova⁴

1. Department for AIDS, SHATIPD "Prof. Ivan Kirov"; 2. Department of Infectious Diseases, Parasitology and Tropical Medicine, Medical University – Sofia; 3. Department of Occupational Diseases, Medical University of Sofia; 4. Department for intensive care medicine, "Alexandrovska Hospital" – Sofia; 5. National reference laboratory of Parasitology, NCPID

13:45 Follow-up of HIV+ Pregnant Women in the Center for Monitoring of HIV in the UMBAL "Dr. G. Stranski" - Pleven

I. Ognyanova, **Ts. Doichinova**

Infectious Diseases Clinic at UMHAT "Dr. G. Stranski" - Pleven

14:00 Effect of Single-tablet ART Regimens on Times to Immune Recovery and Undetectable Viral Load

Petar Vasilev^{1,2}, Ivan Baltadzhiev^{1,2}, Antonina Dineva¹, Petya Gardzheva^{3,4}, Ivailo Alexiev⁵, Mariyana Stoycheva⁶

1. Clinic for Infectious Diseases and Parasitology, University Hospital "St. George" Plovdiv; 2. Department of Infectious Diseases, Parasitology and Tropical Medicine, Medical Faculty, Medical University – Plovdiv; 3. Laboratory of Microbiology, University Hospital "St George" – Plovdiv; 4. Department of Medical Microbiology and Immunology „Prof. Dr. Elissay Yanev”, Faculty of Pharmacy, Medical University Plovdiv; 5. National Reference Laboratory of HIV, National Center of Infectious and Parasitic Diseases, Sofia, Bulgaria; 6. Department of Science and Research, Medical University Plovdiv

14:15 Persistent Low-Level Viremia: what does it mean?

Ivailo Alexiev¹ and Maria Nikolova²

1. National Reference Confirmatory Laboratory of HIV, NCIPD; 2. National Reference Laboratory of Immunology, NCIPD, Sofia, Bulgaria

14:30 Satellite Symposium, Phoenix – GSK

15:15 Coffee Break

15:45 Satellite Symposium ELTA 90. Marinela Ivanova - Additional tests to assist the clinician

Session 2

Co-Chairs N. Yancheva-Petrova and Ts. Doichinova

16:30 Mpox in Bulgaria: An Insight into the Clinical Presentation in Patients with varying HIV status

D. Ivanov^{1,2}, R. Grozdeva^{1,2}, D. Strashimirov^{1,2}, E. Penchev^{1,2}, S. Krumova³, R. Stefanova³, I. Christova³, N. Yancheva^{1,2}

1. Department for AIDS, SHATIPD "Prof. Ivan Kirov" – Sofia; 2. Department of Infectious Diseases, Parasitology and Tropical Medicine, Medical University – Sofia; 3. National Reference Laboratory "Measles, Mumps, Rubella", Department of Virology, National Centre of Infectious and Parasitic Diseases - Sofia

16:45 Challenges in HIV diagnosis

Reneta Dimitrova, Asya Kostadinova, Anna Gancheva, Alexandra Partsuneva, Lyubomira Grigorova, Ivailo Alexiev

National Reference Confirmatory Laboratory of HIV, NCIPD

17:00 Intracellular and Plasma Antioxidant Systems in People Living with HIV on Antiretroviral Therapy

Radoslava Emilova¹, Yana Todorova¹, Damian Vangelov¹, Reneta Dimitrova², Ivailo Alexiev², Lyubomira Grigorova², Milena Aleksova¹, Nina Yancheva³, Maria Nikolova¹

1. National Reference Laboratory of Immunology, NCIPD, Sofia; 2. National Reference Confirmatory Laboratory of HIV, NCIPD, Sofia; 3. Specialized Hospital for Active Treatment of Infectious and Parasitic Diseases, Sofia

17:15 Phenotypic and Metabolic Features of CD4 and CD8 T Cells of an Elite Controller – A Case Report

D. Vangelov¹, R. Emilova¹, Y. Todorova¹, S. Blazheva², I. Alexiev³, I. Ognyanova⁴, E. Smirnova⁴, M. Nikolova¹, T. Doichinova⁴

1. NRL of Immunology, National Center for Infectious and Parasitic Diseases, Sofia; 2. Clinical Immunology Laboratory, UMBAL G. Stranski, Pleven; 3. NRCL of HIV, National Center for Infectious and Parasitic Diseases, Sofia; 4. Clinic for infectious diseases, UMBAL G. Stranski, Pleven

17:30 Evaluation of hepatitis B serological markers in HIV-infected patients receiving antiretroviral therapy

Radka Komitova¹, Elitsa Golkocheva-Markova², Maria Atanasova³, Ivan Baltadjiev⁴, Chiydem Ismailova², Viliama Yoncheva², Tencho Tenev²

1. Department of Infectious Diseases, Parasitology and Tropical Medicine, FM, MU-Plovdiv, Bulgaria; 2. NRL Hepatitis viruses, Virology department, NCIPD, Sofia, Bulgaria; 3. Department of Microbiology and Immunology, FM, MU-Plovdiv, Bulgaria; 4. Department of Infectious Diseases, UMHAT "Sv. Georgi"-Plovdiv, Bulgaria

17:45 Discussion

18:00 Working dinner

Day 2 Saturday 30 November 2024

Special Session 3 Meet the expert

Co-Chairs Ivailo Alexiev and Maja Stanojevic

09:00 Scaling up HIV PrEP in WHO European region: Time That Act Now!

Viatcheslav Grankov

WHO EURO

09:15 WHO Triple Elimination Initiative: Ensuring HIV and Hepatitis B Free Young Generation

Viatcheslav Grankov

	WHO EURO
09:30	Differentiated and Simplified HIV Testing Services: Ensuring Rapid HIV Diagnosis and Linkage That Care Viatcheslav Grankov WHO EURO
09:45	Estimation of the Determinants for HIV Late Presentation Using the Traditional Definition and Molecular Clock-Inferred Dates Dimitrios Paraskevis Medical School of the National and Kapodistrian University of Athens, Greece
10:00	Satellite Symposium, SWIX BioPharm Contemporary approach in HIV therapy. Nina Yancheva - Clinical Management of HIV Patients in the Department of AIDS at SHATIPD "Prof. Ivan Kirov" Ivailo Alexie - Surveillance of HIV-1 Resistance Mutations in Bulgaria
10:45	Coffee Break
11:15	Satellite Symposium, MSD "Challenges in the prevention of HPV-related cancers". Nina Yancheva.
	Special Session 4 Meet the expert Chair Mario Poljak and Katja Seme
12:00	HIV-1 Subtype Diversity in the Balkans Maja Stanojevic University of Belgrade Faculty of Medicine, Belgrade, Serbia
12:15	Leveraging Phylogeny Along with Advanced Statistical Analyses to Reveal Socio Demographic Factors Underlying HIV Transmission Patterns Marina Šiljić University of Belgrade, Faculty of Medicine, Institute of Microbiology and Immunology, Belgrade, Serbia
12:30	HIV-1 Resistance to Treatment in Romania: the Evolution of a Heavily Burdened Epidemic Dan Otelea , Simona Paraschiv, Ionelia Nicolae, Leontina Banica, Mihaela Fratila National Institute for Infectious Diseases "Matei Bals", Bucharest, Romania
12:45	Lunch
13:45	Satellite Symposium, Bulmar ML
	Special Session 5 Meet the expert Chair Dan Otelea and Marina Šiljić
14:15	Low Prevalence of Hepatitis C Virus Co-Infection among People Living with HIV in Slovenia: A Nation-Wide Study, 1985–2023 Katja Seme , Maja M. Lunar, Mario Poljak Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia
14:30	Cervical Cancer Prevention, Screening, Management and Treatment among Women Living with HIV/AIDS: Current Global Challenges and Potential Solutions Mario Poljak Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana, Slovenia
14:45	Discussion
	Session 6 Co-Chairs Petar Vasilev and Radoslava Emilova
15:00	Refugees with HIV Registered in Bulgaria (Preliminary Analysis) Asya Kostadinova ¹ , Reneta Dimitrova ¹ , Anna Gancheva ¹ , Alexandra Partsuneva ¹ , Lyubomira Grigorova ¹ , Maria Nikolova ² , Nina Yancheva ³ , Ivailo Alexiev ¹ 1. National Reference Confirmatory Laboratory of HIV, NCIPD; 2. National Reference Laboratory of Immunology, NCIPD; 3. SHATIPD "Prof. Ivan Kirov", Sofia, Bulgaria

15:15 Virological Analysis of HIV/AIDS in Pregnant Women and Newborns in Bulgaria for the Period 2014-2023 (Preliminary Analysis)

Anna Gancheva¹, Asya Kostadinova¹, Reneta Dimitrova¹, Aleksandra Partsuneva¹, Lyubomira Grigorova¹, Nina Yancheva², Ivan Baltadzhiev³, Tsetsa Doychinova⁴, Maria Nikolova⁵ and Ivailo Alexiev¹

1. National Reference Confirmatory Laboratory of HIV, NCIPD; 2. Specialized Hospital for Infectious and Parasitic Diseases, Sofia, Bulgaria; 3. Department of Infectious Diseases, Medical University, Plovdiv, Bulgaria; 4. Department of Infectious Diseases, Medical University, Pleven, Bulgaria; 5. National Reference Laboratory of Immunology

15:30 Analysis of Phylogenetic Transmission Clusters in Diverse HIV-1 Subtypes in Bulgaria

Lyubomira Grigorova¹, Alexandra Partsuneva¹, Reneta Dimitrova¹, Anna Gancheva¹, Asya Kostadinova¹, Maria Nikolova², Nina Yancheva³, Ivailo Alexiev¹

1. National Reference Confirmatory Laboratory of HIV, NCIPD; 2. National Reference Laboratory of Immunology, NCIPD; 3. SHATIPD "Prof. Ivan Kirov", Sofia, Bulgaria

15:45 Analysis of the Phylogenetic Relationships and Resistance Mutations in HIV-1 Subtype A6 in Bulgaria

Aleksandra Partsuneva¹, Reneta Dimitrova¹, Anna Gancheva¹, Lyubomira Grigorova¹, Asya Kostadinova¹, Maria Nikolova², Nina Yancheva³, Ivailo Alexiev¹

1. National Reference Confirmatory Laboratory of HIV, NCIPD; 2. National Reference Laboratory of Immunology, NCIPD; 3. SHATIPD "Prof. Ivan Kirov", Sofia, Bulgaria

16:00 Coffee Break

Session 7

Co-Chairs Maria Nikolova and Ivailo Alexiev

16:30 Gonococcal Antimicrobial Surveillance in Europa and Bulgaria

Ivva Philipova¹, Elena Birindjieva², Venelina Milanova¹, Viktoriya Levterova¹

1. National Center of Infectious and Parasitic Diseases, Sofia, Bulgaria; 2. Center for Sexual Health, CheckPointSofia, Sofia, Bulgaria.

16:45 Follow-up of the syphilis therapy effectiveness: case series

V. Milanova¹, I. Philipova¹, E. Birindjieva², V. Levterova¹

1. National Center of Infectious and Parasitic Diseases, Sofia, Bulgaria; 2. Center for Sexual Health, CheckPointSofia, Sofia, Bulgaria.

17:00 Microbiological diagnosis of nontuberculous diseases

Yuliyana Atanasova, Stanislava Yordanova, Ana Baikova

National Reference Laboratory of tuberculosis, National Center of Infectious and Parasitic Diseases

17:15 Trends among HIV-Positive Persons in Varna Region for the Period 2022 - 2023 Distribution by Gender And Sexual Orientation

Dilyana Stankova, Nataliya Ilieva

Regional Health Inspection - Varna, Microbiology and Virology Department, Epidemic Control Department, Infectious Disease Surveillance Directorate

17:30 Discussion and closing remarks

18:00 Working dinner
