

3rd Asian African Congress of Mycobacteriology

(Webinar) will be discussed; Mycobacterium, COVID-19, HIV and other related Lung diseases





Dear Colleagues

on behalf of the Organization Committee of the previous Asian African Congress of mycobacteriology (AASM 2015), I Would like to thank you for your enthusiastic participation in AASM 2015,2017,Isfahan,Iran.

We strongly believe that one of the best ways to improve care and study of mycobacterium related diseases is to bring together the experts from a wide diverse expertise on a platform like AASM Meeting.

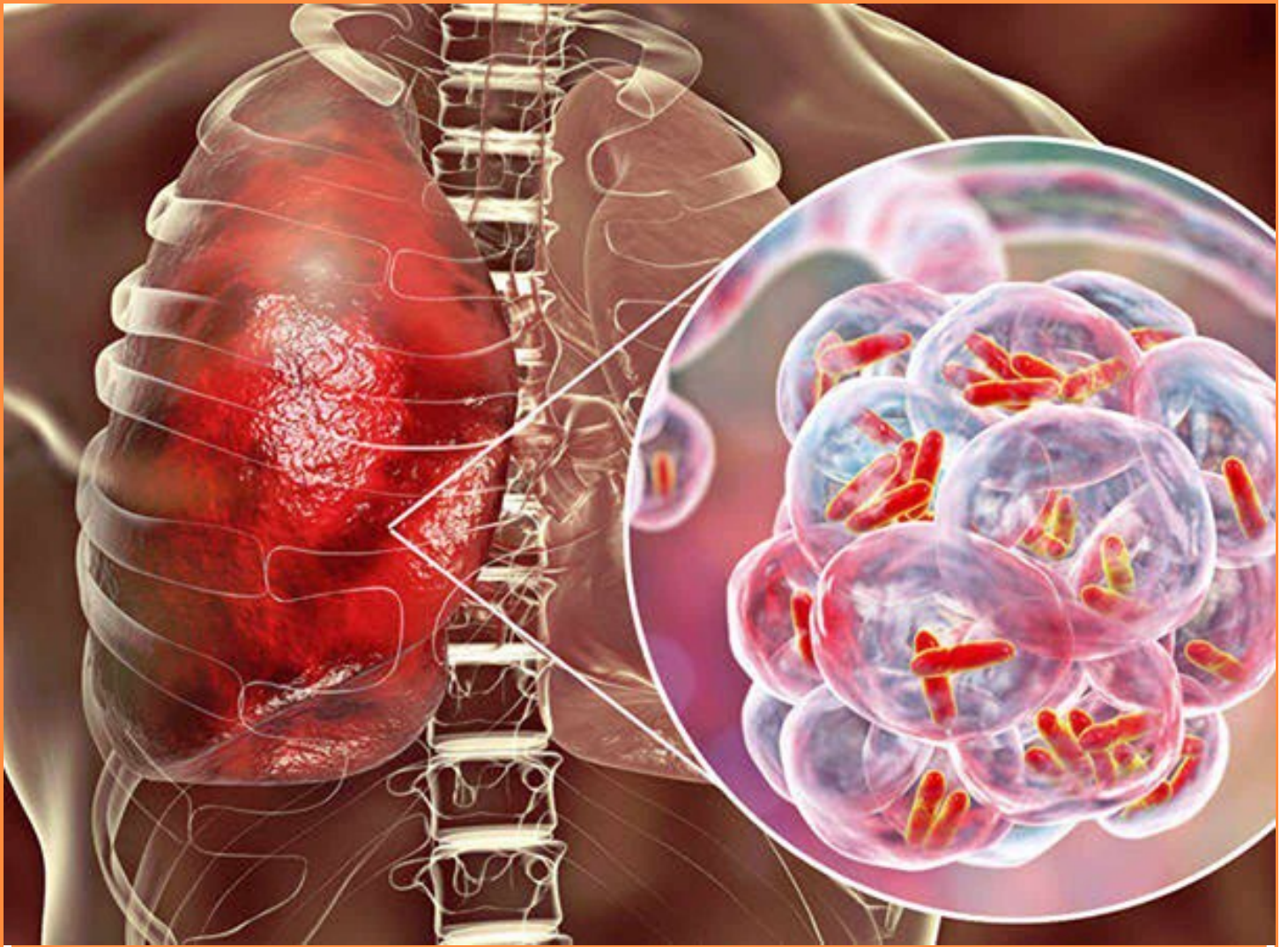
Thereby, the Asian African Society of Mycobacteriology is proud to present the 3rd Asian African Congress of Mycobacteriology from 27-29 January 2021 in Iran (Webinar). During the events, the latest developments in mycobacterium disease, particularly those caused by mycobacterium tuberculosis, mycobacterium bovis, non-tuberculosis mycobacterium (NTM), Pandemic of COVID-19 and its effect on activation of Mycobacterial diseases, will be reviewed and emphasized. We warmly welcome the kind collaboration and participation of all interested clinicians, scientist, faculty members, students, researchers, laboratory staff and nurses, etc.

We hope to create a unique video conference (Webinar) especially for the young researchers to gain knowledge and establish contacts, globally.

Regards

Ali Akbar Velayati, MD

AASM President



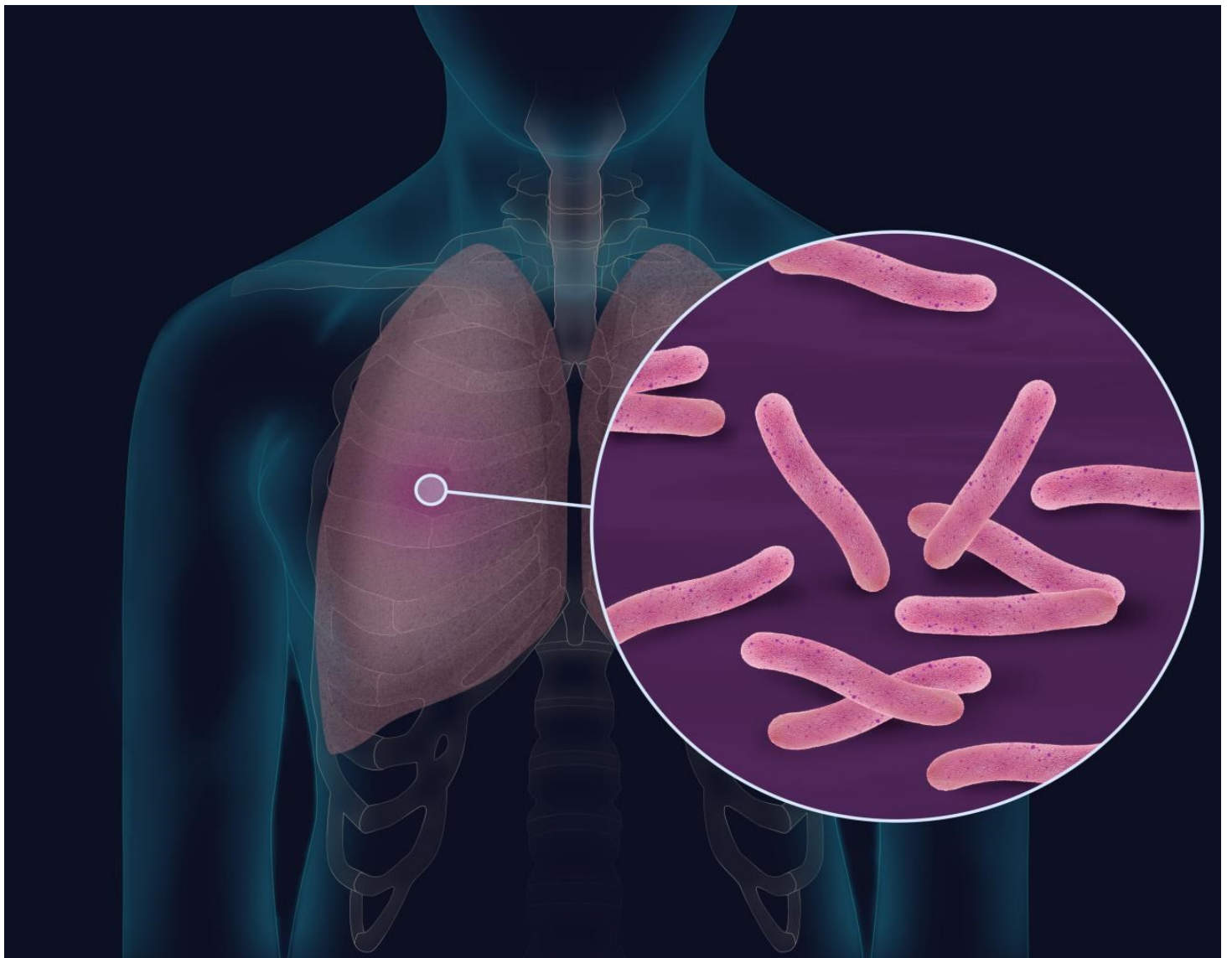
DAY 1

Wednesday 1/27/2021

3rd Asian African Congress of Mycobacteriology



Day/date/ -year	Time (Tehran time zone)	Title of oral presentation	Speakers (Country time zone)
Wednesday,	27: January: 2021		
Chairs	09:45 – 10:00	Quran	
	10:00 – 10:15	opening ceremony	Parissa Farnia (Iran)
	10:15– 10:25	opening ceremony	Vikas chawla (India) 12:15-12:20 Isha Bali (India) 12:20-12:25
		Session -1	
	10:25-10:40	Is the BCG vaccination effective against COVID-19 ?	Ali Akbar Velayati (Iran)
	10:40- 10:55	Deadly bedfellows – Challenges of dual TB – COVID 19 infections in vulnerable settings in India	Nerges Mistry (India) 12:40-12:55
	10:55-11:10	Tuberculosis and COVID-19 co-infection: A case series from Iran	Majid Marjani(Iran)
	11:10-11:25	cross sectional evaluation of diagnostic test for screening and management of covid 19 and TB coinfection in Zambia (rapid-CoV)	Franklyn Nkongho(u.k) 07:40-07:55
	11:25– 11:40	NTM lung infections as a sequela in patient post covid 19	Lars-Olof Larsson (Sweden) 08:55-09:10
	11:40-11:55	Use of Whole Genome Sequencing to identify transmission of resistant tuberculosis strains in Italy	Daniela M. Cirillo (Italy) 09:10-09:25
1.Ali Akbar Velayati	11:55-12:10	Acquisition of Cross-Resistance to Bedaquiline and Clofazimine following Treatment for Tuberculosis in Pakistan	Arash Ghodousi (Italy) 09:25-09:40
2.Daniela M. Cirillo	12:10-12:25	Genome Research for Asian Tuberculosis (GReAT)	Mitarai Satoshi (Japan) 17:40-17:55
3.Mitarai Satoshi	12:25-12:40	New drugs and treatment recommendations - what are the consequences at the TB-laboratory?	Sven Hoffner(Sweden) 09:55-10:10
4.Igor Mokrousov	12:40-12:55	High frequency of bedaquiline resistance in programmatically treated drug-resistant TB patients with sustained culture-positivity in Cape Town, South Africa	Grant Theron (South Africa) 11:10-11:25
5.Parissa Farnia	12:55–14:00	Break – time (poster presentation)	
6.Lenoid P Titov	12:30–14:00	Session -2	
7.Mohammad Arjomandzadegan	14:00–14:15	Molecular basis of drug resistance to bedaquiline and delamanid in <i>Mycobacterium tuberculosis</i>	João Perdigão(Portugal) 10:30-10:45
8.Syed Mohammad Reza Hashemian	14:15–14:30	<i>Emergence of resistance to bedaquiline</i>	Rob Warren (South Africa) 12:45-13:00
9. Malin Ridell	14: 30–14:45	<i>Mycobacterium tuberculosis</i> resistance to novel anti-tuberculosis drugs in Russia: insight from whole genome sequencing of consecutive isolates	Igor Mokrousov(Russia) 14:00-14:15
10. Mathew Bates	14:45–15:00	Selective pressure diversity and phenotype-genotype correlation in clinical isolates of <i>Mycobacterium tuberculosis</i>	Danila Zimenkov(Russia) 14:15-14:30
Chairs	15:00-15:15	Metagenomic analysis of the lung tuberculomas microbiome: paucibacillary bacterial community	Oleg Ogarkov (Russia) 14:30-14:45
	15:15-15:30	Screening of compounds containing aminobutanol and camphane moieties against <i>Mycobacterium tuberculosis</i> clinical isolates of different genotypes	Anna Vyazovaya(Russia) 14:45-15:00
	15:30-15:45	<i>mfloDx</i> ® - an innovative technology for MDR-TB antibiotic resistance profiling	Gkotsis Spyros (Sweden) 13:00-13:15
	15:45-16:00	Beyond spoligotyping: Reconstructing the CRISPR Locus of <i>Mycobacterium tuberculosis</i> complex using short reads archives (SRA) to track genome evolution	Guislaine Refrégier (France) 13:15-13:30
	16:00-16:15	MTBCtools: a non-exhaustive list of software tools/resources for bioinformatics analyses of <i>M.TB</i> complex, the causative agent of tuberculosis	David Couvin(France) 13:30-13:45
	16:15 -16:30	Beijing genotype dominance among circulating <i>Mycobacterium tuberculosis</i> in patients with pulmonary tuberculosis in Belarus	Lenoid P Titov (Belarus) 15:45-16:00



DAY 2

Thursday 1/28/2021

3rd Asian African Congress of Mycobacteriology



Day/date/ -year Thursday , 28: January :2021	Time (Tehran)	Title of oral presentation	Speakers (Country time zone)
Chairs 1. Ali Akbar Velayati 2. Atefeh Abedini 3. Esmail Mortaz 4. Poopak Fania 5. Mohammad Feiza-badi 6. Jalaledin Ghanavi 7. Parissa Farnia 8. Mahshid Nasehi 9. Sadia Shakoor	8:45- 9:00	In-depth analysis of Multi- and Extensively Drug-Resistant <i>Mycobacterium tuberculosis</i> Isolates in the Capital of Iran: The Lessons of Whole-Genome Sequencing and Host-Pathogen Interactions	Farzam Vaziri (Iran)
	9:00-9:15	The evaluation of interleukin-4 and interleukin-13 in the serum of pulmonary sarcoidosis and tuberculosis patients	Atefeh Abedini(Iran)
	9:15- 9:30	Computed tomography scan features of multidrug-resistant TB and extensively drug-resistant TB	Payam Mehrian (Iran)
	9:30-9:45	Evaluation of Magnesium Oxide and Zinc Oxide Nanoparticles against Multi-drug-resistance <i>Mycobacterium tuberculosis</i>	Alireza Jafari (Iran)
	9:45- 10:00	Are there any differences between genomic composition of clinical strains of <i>Mycobacterium tuberculosis</i> with H37Rv	Mohammad Arjomandzadegan (Iran)
	10:00- 10:15	Phenotypic and genotyping resistance of drug –resistant M.TB isolates to first and second line anti – TB drugs in Iran	Mohammad Mehdi Feiza-badi (Iran)
	10:15–10:30	Break –time	
	Session-4		
	10:30-10:45	Migrating mycobacteriology laboratories: boon and bane of transferring services to new facilities	Sadia Shakoor(Pakistan) 12:00-12:15
	10:45-11:00	Identification of drug resistant tuberculosis: Concerns in an endemic region	Mandira Varma-Basil (India) 12:45-13:00
Chairs 1. Ali Akbar Velayati 2. Parissa Farnia 3. Sadia Shakoor 4. Amitis Ramezani 5. Umesh Gupta 6. Ruxana sadikot 7. John E Moore 8. Nader Mosavari 9. Malin Ridell 10. Dick Van Sooling-en	11:00-11:15	Clinical characteristics and Outcome of Tuberculous Meningitis in the pediatric population- a cross sectional study at the Aga Khan University hospital	Farah Qamar(Pakistan) 12:30-12:45
	11:15-11:30	Treatment Outcomes of Non-tuberculous mycobacteriosis (NTM) in children with Cystic Fibrosis	Fatima Mir (Pakistan) 12:45-13:00
	11:30-11:45	Alarming rates of attrition among tuberculosis patients in public-private facilities in Lahore, Pakistan	Bashart. J. Khan (Pakistan) 13:00-13:15
	11:45-12:00	Host-directed Therapy Alleviates Intracellular Mycobacterial Infection via Mediating Innate Immune Responses	Hussain Tariq (Pakistan) 13:15-13:30
	12:00-12:15	Hepatitis C Virus and <i>Helicobacter pylori</i> infections in Patients with Pulmonary Tuberculosis: A	Ammara Nasir (Pakistan) 13:30-13:45
	12:15-12:30	DNA vaccine against tuberculosis by using five Mycobacterium specific genes	Mirza Imran Shahzad(Pakistan) 13:45-14:00
	12:20 -14:00	Break – time (poster presentation)	
	Session -5		
	14:00–14:15	Cloning and Expression of virulent proteins CFP-10 and ESAT-6 of Mycobacterium bovis AN5 for diagnosis of bovine tuberculosis	Nader Mosavari(Iran)
	14:15–14:30	Description of a novel selective medium (Abscessus Selective Agar; ASA) for the isolation of <i>Mycobacterium abscessus</i> complex	John E Moore(U.K) 10:45-11:00
	14: 30–14:45	Forecasting the Incidence of Tuberculosis in Algeria	Schehrazad Selmane (Algeria) 12:00-12:15
	14:45–15:00	Performance comparison of GenoTypeMTBDRs/ Version 1 and Version 2 for rapid detection of resistance to fluoroquinolones and injectable drugs among multidrug-resistant <i>Mycobacterium tuberculosis</i> in a low MDR-TB setting	Eiman Mokaddas (Kuwait) 14:15-14:30
	15:00-15:15	Sex differences in haemostatic and other haematological parameters of tuberculosis patients at pre-treatment, post-intensive and post-continuation phase anti-tuberculosis therapy	Chizoba Okele (Nigeria) 12:30-12:45
	15:15-15:30	Surgical or homemade masks and medical clothing for inactivation of SARS-CoV-2 (COVID-19)	Jalaledin Ghanavi (Iran)
	15:30-15:45	The burden of disease and the cost of illness attributable to Tuberculosis and HIV/AIDS associated to massive migration between Colombia and Venezuela	Nelsen E.Arnas(Colombia) 07:00-07:15
	15:45-16:00	Tuberculosis and diabetes	Chema M Marouane (Tunisia) 13:15-13:30
	16:00–16:15	NONTUBERCULOUS MYCOBACTERIA INDUCE MITOCHONDRIAL DYSFUNCTION IN MACROPHAGES	Ruxana T Sadikot (USA) 07:30- 07:45
	16:15-16:30	An interactive panel for monitoring the spread of bovine tuberculosis and brucellosis in Colombia	Nelsen E.Arnas(Colombia) 07:45-08:00



DAY 3

Friday 1/29/2021

3rd Asian African Congress of Mycobacteriology



Day/date/-year 29 : January :2021	Time (Tehran)	Title of oral presentation	Speakers (Country time zone)
Friday	8:45- 9:00	Non-tuberculosis Mycobacteria (NTM) and the issue of false-reactors in tuberculation of cattle, and Iranian observation	Nader Mosavari(Iran)
Chairs 1. Ali Akbar Velayati 2. Atefeh Abedini 3. Alberto Piubello 4. Poopak Fania 5. Parissa Farnia 6. Mohammad Arjomandzadegan 7. Payam Tabarsi 8. Mahshid Nasehi	9:00–9:15	Identification of Cytoplasmic and Conserved Hypothetical <i>Mycobacterium tuberculosis</i> proteins based on Mass Spectrometry and IEDB analysis resource as potent biomarkers for therapeutic strategies or valuable new TB vaccine	Alireza Hadizadeh Tasbiti (Iran)
	9:15–9:30	Is Latent Tuberculosis Infection Challenging in Iranian Health Care Workers? A Systematic Review and Meta-analysis	Ali Reza Jafari (Iran)
	9:30–9:45	A Potent Inhibitor of IL-10/STAT3 Axis Signaling Modulates Anti-Inflammatory Responses and Boosts Anti-Tuberculosis Immunity in rBCG30 Immunized Mice	Faraz Ahmad(India) 11:30-11:45
	9:45–10:00	Molecular characterization of <i>Mycobacterium tuberculosis</i> isolates using Spoligotyping method in Kurdistan province, Iran	Rashid Ramazanzadeh (Iran)
	10:00-10:15	The importance of (T-56C) polymorphisms in infecteron gamma receptor -1 gene in pulmonary patients infected with mycobacteria	Poopak farina (Iran)
	10:00–10:30	Break ;	
	Session -7		
	10:30–10:45	Animal Models of Tuberculosis	Umesh Gupta (India) 12:30-12:45
Chairs 1. Ali Akbar Velayati 2. Nerges Mistry 3. Mitarai Satoshi 4. Soleymane Hassane 5. Sven Hoffner 6. poopak Farnia 7. Jalaledin Ghanavi 8. BenjaminD. Pokam	10:45–11:00	Kallikrein 12 regulates innate resistance of murine macrophages against <i>Mycobacterium bovis</i> infection by modulating autophagy and apoptosis	Naveed Sabir (Pakistan) 12:15-12:30
	11:00–11:15	Successful management of multidrug-resistant tuberculosis with shorter treatment regimen in Niger: sustainable nationwide programmatic achievements	Alberto Piubello (Niger) 08:30-08:45
	11:15–11:30	Use of linezolid to replace kanamycin in the shorter MDR-TB regimen in case of hearing loss: experience in Niger.	Mahamadou.B.Souleymane (Niger) 08:45-09:00
	11:30–11:45	Mapping <i>Mycobacterium tuberculosis</i> genetic diversity in the Gulf of Guinea – Africa.	Benjamin D. Pokam (Cameron) 09:00-09:15
	11:45–12:00	Antimycobacterial activity of total extracts from <i>Solanum torvum</i> Swartz. (Solanaceae	Joseph Mwanzia Nguta (kenya) 11:15-11:30
	12:00-12:15	Genotype Profiles of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> isolates From Iranian Isolates and Analyze Using Bioinformatics Tools	Keyvan Tadayon (Iran)
	12:15–12:30	Human environment around the world surrounded by rapidly growing mycobacteria (RGM)	Jafar Aghajani (Iran)
	12:30–14:00	Break – time (poster presentation)	
	Session -8		
Chairs 1. Ali Akbar Velayati 2. Esmail Mortaz 3. Poopak Farnia 4. Jalaledin Ghanavi 5. Igor Mokrousov 6. Daniela M. Cirillo 7. Sven Hoffner 8. Nelsen E. Arnas	14:00–14:15	Implementation of biomedical and social support for people affected by multidrug resistant tuberculosis in Guinea	Souleymane Hassane (Guinea) 10:30-10:45
	14:15–14:30	Potential diagnostic value of pleural fluid cytokines levels for tuberculous pleural effusion	Esmail Mortaz
	14: 30–14:45	New options in Tuberculosis Care: Visions for the future are crucial for controlling the disease	Malin Ridell (Sweden) Recorded video
	14:45- 15:00	Twenty year Experience of Thoracic Surgery in a tertiary Institute for Post TB Sequelae	Ravindra Dewan (India) 16:45-17:00
	15:00-15:15	Value of serologic assay in diagnosis of COVID-19 among patients with negative molecular assay	Mitra Rezaei (Iran)
	15:15-15:30	The risk of TB laboratory personals that received specimens from patients having both Tuberculosis & COVID-19	Parissa –Farnia (Iran)
	15:30-15:45	Prediction of o-glycosylation pathways in <i>Mycobacterial</i> immunogenic proteins: a tool for drug target and antigen discovery	Shamsi Yari (Iran)
	15:45–16:00	Cell-penetrating peptidomimetics derived from cathelicidin CAP-18 showed inhibition of Na ⁺ /K ⁺ , Cu(I) and Zn(II)ATPases in mycobacterial plasma membrane	Sandra Chingaté (Colombia) 07:15-07:30
	16:00-16:10	Cationic peptidomimetics derived from CAP-18 cathelicidin shown activity <i>in vitro</i> against <i>Mycobacterium tuberculosis</i> H37Ra and synergy combined with isoniazid	Sandra Chingaté (Colombia) 07:30-07:45
	16:10-16:40	closing ceremony	Daniela M. Cirillo (Italy) 13:40-13:50 Sven Hoffner (sweden) 13:50-14:00 Ali Akbar Velayati (Tehran) 16:30-16:40