



78th NATIONAL CONFERENCE OF TUBERCULOSIS & CHEST DISEASES

Lulu International Convention Center &
Hyatt Regency, Thrissur

02,03,04
February
2024

SCIENTIFIC PROGRAMME

03 04 February
2024

Conference Theme

“Robert Koch to Robotics”



Dr. Vijay Kumar Arora
Chairman
Tuberculosis Association of India



Dr. N K Jain
President
NATCON - 2023



Dr. Davis Paul
Organizing Chairman



Dr. Sanjeev Nair
Organizing Co Chairman



Dr. Judo J V
Organizing Secretary



Dr. Thomas Vadakkan
Treasurer



Dr. Thomas George
Scientific Chairman

Organized by

Association of Pulmonologists Thrissur (APT)
and Academy of Pulmonary and Critical Care Medicine (APCCM)
and The Union South East Asia Region
Under the aegis of Tuberculosis Association of India and
Tuberculosis Association of Kerala

TIME	PROGRAMME
8:00 AM – 9:00 AM	Meet the experts Dr. V. K. Arora, Dr. K. S. Sachdeva, Dr. K. K. Chopra (TB)
9:00 AM – 9:40 AM	Role of corticosteroids in the treatment of tuberculosis: an evidence-based update Moderator : Dr. Rajendra Prasad Co-Moderator : Dr. Rajiv Garg Panelist : Dr. Amitabh Das Shukla Dr. Santosh Kumar Dr. Ashwani Mishra Dr. Gajendra Vikram Singh
9:40 AM – 10:20 AM	Panel discussion by NIRT Shorter TB Regimens Chairpersons : Dr. Somashekar N, Dr. Sunny P Orathel Moderator : Dr. Padmapriyadarshini C Panelist : (8 minutes each) Shorter regimens for Drug- sensitive TB – Dr. Banu Rekha V V Shorter regimens for Drug-resistant TB – Dr. Narendran G Shorter regimens for pediatric TB – Dr. Bhavani PK Challenges in implementation of Shorter regimens for TB – Dr. Dina Nair
10:20 AM – 11:00 AM	Decentralizing DR-TB Treatment – Last Mile Management – Chairpersons : Dr. S Vinod Kumar, Dr. Sanjeev Nair Moderator : Dr. Asha Frederick Overview of Consolidated TB Guidelines & Case based Practical Approaches for Modifying DR-TB Regimens: (12 mins) – Dr. Vikas Oswal Importance of Child-friendly formulations in paediatric DR-TB management: (12 mins) – Dr. Sangeeta Sharma Panel Discussion: Empowering district DR-TB centers to achieve Decentralization: (15 mins) Panelist – Dr. Rupak Singla, Dr. Sanjeev Nair, Dr. Vikas Oswal, Dr. Sangeeta Sharma
11:00AM – 11:45 AM	Dr. S.N. Tripathy Memorial Oration Award Chairpersons : Dr. N K Jain Dr. Ashwini Khanna Toipc : Changing trends and challenges in musculoskeletal tuberculosis Speaker : Dr.Sumit Sural

TIME	PROGRAMME
11:45 AM – 12:30 PM	Dr. P.K. Sen-TAI Gold Medal Oration Award Chairpersons : Dr. Vijay Laxmi Thanasekhran, Dr. Ashwani Khanna, Dr. K. K. Chopra Toipc : Public Health Implications of my journey in TB Epidemiology and operational Research Speaker : Dr. V.K. Chadha
12:30 PM – 1:10 PM	Panel discussion on TB – Back to the basics •History of TB care in India – Learning from the past •Natural history of TB •Basics of chemotherapy of TB Chairpersons : Dr. M Joshi, Dr. Rajathilakam Moderator : Dr. V.K. Arora Panelist : Dr Vinod Kumar V, Dr. Subhakar Kandi Dr. Suraj KP, Dr. T K Raveendran
1:10 PM – 1:50 PM	Session by The UNION Panel discussion: Population based active screening as a way forward to End TB in India Moderator : Dr Rakesh PS Panelist : Insights from National TB Prevalance Survey – Dr. Padmapriyadarsini C Lessons from Vietnam on community screening – Dr. Khan Lu Bo Experiences of using hand held X-rays in India – Dr. Nikita Srivastava What India needs to do to End TB – Prof Guy Marks
1:50 PM – 2:30 PM	Panel discussion on Reaching the END TB targets Chairpersons : Dr. Ashok Bhardwaj Dr. Judo J Vachaparambil Dr. Sajeev Kumar Moderators : Dr. Vineet Chadha Panelist : Achievements and gaps – Dr. Ravinder Kumar (8 min) What can we do to hasten the progress – Dr. Vishal Chopra (8 min) Addressing patient needs – Dr. Sachin Atre (8 min) – Dr. Sunil Kumar M

TIME	PROGRAMME
2:30 PM – 3:15 PM	CIPLA Sponsored session Symposium on Post TB Lung disease (PTLD) Chairpersons : Dr. Jai Kishan Moderators : Dr. Amit Karad Epidemiology and pathogenesis – Dr. Sundeep Salvi Treatment of Post TB lung disease – Dr. Sheetu Singh
3:15 PM – 5:15 PM	Panel discussion by CTD on Road to TB Elimination by 2025 Chairperson : Dr. K. S. Sachdeva, Dr. Sunil Khaparde Panelist : (15 minutes each) Overview of NTEP Program – Dr. Rajendra P Joshi Role of Partnerships in NTEP – Dr. Alok Mathur Updates on Drug Resistant TB – Dr. Sanjay Kumar Mattoo “Lessons from recent national TB prevalence surveys-implications for Active Case Finding” – Dr. Ikush iOnozaki Updates on TB preventive services (TPT scale up & Adult BCG Vaccination) – Dr. Veena Dhawan Updates on TB Mukht Panchayat and Ayushman Bhav – Dr. Alok Mathur Road Map to achieve TB Free status in the County of India – Dr. Raghuram Rao
6:30 PM – 10:30 PM	Inauguration & Banquet

Board Meetings :-

Board Room Hotel Hyatt

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| 02:00 PM – 03:15PM | – State Secretaries Meeting |
| 03:16 PM – 04:00PM | – Indian Journal of Tuberculosis (IJT) |
| 04:00PM – 05:00PM | – SEAR Union Meeting |

TIME	PROGRAMME
9:00 AM – 9:40 AM	Panel discussion on Asthma in special situations Chairperson : Dr. S K Katiyar, Dr. Madhu K Moderator : Dr Prabhakar Shetty
9:00 AM – 9:10 AM	Challenges in childhood asthma – Dr. Anandakesavan
9:10 AM – 9:20 AM	Management of asthma in pregnancy – Dr. Sryma P B
9:20 AM – 9:30 AM	Small airways in Asthma – Dr. Sundeep Salvi
9:30 AM – 9:40 AM	Panelist : Dr Vipin Varkey, Dr Sandeep K F
9:40 AM – 10:20 AM	Panel discussion on Non-tuberculous mycobacteria Chairpersons : Dr. Vinod Joshi, Dr. Mahender Kumar Moderator : Dr. Amitabh Das Shukla Panelist : Dr. Ajoy Kumar Verma, Dr. Sunil Sethi, Dr Rakhee Sodhi, Dr Ranganath TG, Dr Jyoti Bajpai, Dr. Kranti Garg
10:20 AM – 11:00 AM	Panel Discussion on Advances in Drug resistant TB Chairpersons : Dr. V.G. Rao, Dr. Raveendran Nair M Moderator : Dr. P T James
10:20 AM – 10:30 AM	Trends in epidemiology of Drug Resistant TB in India – Dr. Malik Parmar
10:30 AM – 10:40 AM	Upcoming regimes for the treatment of M/XDR TB – Dr. Sridhar R
10:40 AM – 10:50 AM	Panelist : Dr. Lakshmi Murali Dr. Huliraj.N Dr. Venugopal K
11:00 AM – 12:30 PM	Oration in Hall A
12:30 PM – 1:10 PM	Panel discussion on Diagnostic tests in Pulmonary Medicine Chairpersons : Dr. Sobha Subramaniam Dr. Chaitali Nikam Moderator : Dr. Mohan Kumar T
12:30 PM – 12:40 PM	Important HRCT Signs in IIP – Dr. Jayaprakash B
12:40 PM – 12:50 PM	Diagnostic algorithm of Pulmonary Thromboembolism – Dr. Supriya Adiody
12:50 PM – 1:10 PM	Panelist : Dr Vinod Chavhan, Dr Harsha. D.S

TIME	PROGRAMME
1:10 PM – 1:50 PM	Panel discussion on Severe Asthma Chairpersons : Dr. P C Kathuria, Dr. Aditya Chawla Moderator : Dr. Vijayalakshmi Thanasekharan
1:10 PM – 1:20 PM	Differentiating Difficult-to-treat from Severe Asthma -Dr. P Venugopal
1:20 PM – 1:30 PM	Biologicals in Severe Asthma – Indian experience -Dr. Rajesh V
1:30 PM – 1:40PM	Severe Asthma management – beyond biologicals -Dr. Ajay Verma
1:40 PM – 1:50PM	Panelist : -Dr.C Chandrasekar, Dr. Basanta Hazarika
1:50 PM – 2:30 PM	Panel discussion on Advances in COPD Chairperson : Dr. Davis Paul, Dr. Santosh Kumar Moderator : Dr. Ranganathan D
1:50 PM – 2:00PM	COPD – strategies to give survival advantage to COPD patients -Dr. Pajanivel R
2:00 PM – 2:10PM	Personalized management in COPD - Dr. Fathahudeen A
2:10 PM – 2:20PM	Biologicals in COPD - Dr. Sundaraja Perumal
2:20 PM – 2:30PM	Panelist : -Dr. Shashi Bhushan, Dr. Shreeja Nair
2:30 PM – 3:15 PM	Case based discussion on diagnosis and management of XDR TB Moderator : Dr. Gajendra Vikram Singh Panelist : Dr. K K Chopra, Dr. Ashwini Khanna Dr. Nikhil Sarangdhar, Dr. Vishnu Kanth
3:15 PM – 3:55 PM	Debate – Should whole genome sequencing be introduced as routine diagnostics under NTEP? Chairperson : Dr. Manpreet Bhalla Moderator : Dr. Anand For : Dr Chaitali Nikam Against : Dr Ritu Singhal
3:55 PM – 4:35 PM	Session by Mylab Session: Complete solution for TB Diagnostics Chairperson: Dr T K Raveendran Topic : Innovative Strategies for Comprehensive TB Diagnostics: A Multidisciplinary Approach Towards Fast, Accurate, and Accessible Solutions Panelist : Mr. Umesh Pawa, Dr Gautam Wankhede

TIME	PROGRAMME
4:35 PM – 5:20 PM	Panel discussion by NTI Challenges and Possible solutions in management of EPTB under Programmatic conditions Moderator : Dr. Somashekar N Panelist : Dr. Ravinder Kumar, Dr. Sanant Kumar Tripathy Dr. C Ravi Chandra Dr. Uma Shankar
6:30 PM – 10:30 PM	Inauguration & Banquet
	Quiz Semi-Final : Hall D 09:00AM to 10:00AM Oral paper presentations : Hall D & Hall E E-Poster presentations : Hall F

TIME	PROGRAMME
9:00 AM – 9:40 AM	Whole Genome Sequencing Chairperson : Dr. Beena Philomina J Moderator : Dr. Sheetu Singh Paradigm shift in TB diagnostics – Dr. Chaitali Nikam Clinical application of Whole Genome sequencing in TB – Dr. Asmita Mehta Panelist : Dr. Thomas Vadakkan, Dr. Parvathi Rajendran
9:40 AM – 10:20 AM	Panel discussion on Pneumonia Chairpersons : Dr T P Rajagopal, Dr. George Mothi Moderator : Dr. Unni R Baby Viral pneumonias – Dr. Sanjeev Kumar M. Sepsis – early diagnosis and management – Dr. Praveen Valsalan K Pneumonias in the ICU – Dr Sijith K R Panelist : Dr. Karan Madan Dr. Paulo Varghese Akkara
10:20 AM – 11:00 AM	Panel discussion on Sleep Medicine Chairpersons : Dr. Hemant Kumar, Dr. Rakesh Chawla Moderator : Dr. Keerthivasan Phenotypes in OSA – Dr. Aziz K S Treatment emergent central sleep apnoea – Dr. Arjun P Sleep deficiency in young children and adolescents – Dr. J C Suri Panelist : Dr. Mohammed Muneef Eranhikkal Dr. Ravinder Sodhi
11:00 AM – 12:30 PM	Oration in Hall A
12:30 PM – 1:10 PM	Panel discussion on "COPD: Is it a Systemic Disease?" Chairpersons : Dr. Tanmay, Dr. C P Rauf Moderator : Dr. Nitin Jain Panelist : Dr. Arpit Sharma, Dr. Atri Gangopadhyay Dr. Shraddha Soni Dr. Rohan Aurangabadwala Dr. Tony Luke Baby

TIME	PROGRAMME
1:10 PM – 1:50 PM	Debate- Newer tools for Lung Cancer Chairperson : Dr. Arun N A Moderator : Dr. Abdul Sathar Immunohistochemistry for lung cancer – Dr. Nikhil Sarangdhar Molecular tools for lung cancer – Dr. Komal Shah
1:50 PM – 2:30 PM 1:50 PM – 2:00 PM 2:00 PM – 2:10 PM 2:10 PM – 2:20 PM	Panel discussion on ILD updates Chairpersons : Dr. Thomas Vadakkan, Dr Vishal Arya Moderator: Dr. Gayathri A R Panelist: Treatable Traits in ILD –Dr. Anitha Kumari K Management of CTD-ILD –Dr. Vivek Nangia Hypersensitivity pneumonitis –Dr. Sheetu Singh
2:30 PM – 3:15 PM	Case based discussion on diagnosis and management of ILD Moderator: Dr. Shajahan P S Panelist : Dr. Gayathri A R, Dr. Parames A.R Dr. K Anupama Murthy, Dr. Praveen Kumar K Dr. Kamlesh Pandey
3:15 PM – 3:55 PM 3:15 PM – 3:25 PM 3:25 PM – 3:35 PM 3:35 PM – 3:55 PM	Panel discussion on Hot topics in Tuberculosis Chairpersons : Dr. N. K. Jain, Dr. Sanjeev Nair Moderator : Dr. Vishal Chopra Therapeutic blood level monitoring – Dr. Rupak Singla Repeat BCG vaccination in TB – Dr. Ashok Bhardwaj Panelist : Dr. Babu Varghese, Dr. Rajasekhar Dr. B.K. Vashisht
3:55 AM – 4:35 PM	Debate Long Covid – A serious issue Chairpersons : Dr. Nalani Jayanthi, Dr. Meenakshi N Moderator – Dr. Jaymohan Unnithan M.R Yes – Dr. Arjun Chandran No – Dr. P M Ramesh
4:35 AM – 5:15 PM	Panel discussion on Side effects of drugs in Tuberculosis Chairpersons – Dr. Joju Pomson, Dr Shaji M Joseph Moderator – Dr. Ranganathan D Panelist – Dr. Rejna Dilnath, Dr. Shinoby Kurian Dr. Akshatha
6:30 PM – 10:30 PM	Inauguration & Banquet

TIME	PROGRAMME
8:00 AM – 9:00 AM	Meet the experts – Dr. Padmapriyadarshini C, Dr. Subhakar Kandi (Research)
9:00 AM – 9:40 AM	Panel discussion by TB Alliance Topic: Shorter, safer, all-oral Novel regimens for DR-TB... BPaL/M Regime Moderator : Dr. Ashwani Khanna, Dr Kamal Chopra Panelist : 10 minutes each Experience from south Africa on BPaL/M Implementation –Dr Pauline Clinical and implementation experience from Philippines –Dr Irene Flores Operation research on mBPaL in India –Dr. Padmapriyadarshini C
9:40 AM – 10:20 AM	Session by MSF Topic : Shorter & more affordable regimens to treat multidrug-resistant tuberculosis: The way forward Moderator : Brinelle D’Souza Panelist : (10 minutes) EndTB: Results of endTB trial – safety, efficacy –Lorenzo Guglielmetti BEAT-TB India results and the way forward –Dr. Padmapriyadarsini C Results of implementing BPaL-based regimens outside clinical trials – safety, effectiveness and their relevance for India –Dr.Animesh Sinha, MSF UK Short Oral DR-TB regimens and the way forward for countries – Dr. Soumya Swaminathan
10:20 AM – 11:00 AM	Panel Discussion on Addressing morbidity after TB treatment Moderator : Dr. Ashwani Khanna Pulmonary Rehabilitation in TB – Dr. Anuj Bhatnagar Recurrence in TB – Dr. Vikas Oswal Panelist – Dr. Anand M, Dr Manu MS

TIME	PROGRAMME
11:00 AM – 11:45 AM	Sardari Lal Dr. V.K. Arora TAI Oration Chairpersons : Dr. V. K. Arora, Dr. N K Jain Dr. K. K. Chopra Topic : "Omalizumab with allergen immunotherapy in Respiratory & Food Allergy" Speaker : Dr. P. C. Kathuria
11:45 AM – 12:30 PM	Dr. S. P. Aggarwal TAI Oration Award Chairpersons – Dr. Sundeep Salvi, Dr. Ashwini Khanna Dr. K.K. Chopra Topic : "The Changing Trends in the Diagnosis of ILD" Speaker : Dr. Amita Nene
12:30 PM – 1:10 PM	Air pollution and Pulmonary diseases: what should we know and do? Moderator : Dr. Raveendran Nair M Panelist : Dr. Mohit Bhatiya, Dr. Sandeep Katiyar Dr. Parul Mrigpuri, Dr. Mujeeb Rahman Dr. Aiswarya Thambi
1:10 PM – 1:50 PM	Shorter DR TB regimen : implications with high Fluoroquinolone resistant tuberculosis & weak healthcare systems Moderator – Dr. S.K Katiyar Panelist – Dr. Sanjeev Nair, Dr. Nibedita Rath, Dr. Sajeev Kumar
1:50 PM – 2:30 PM 1:50 PM – 2:00 PM 2:00 PM –2:10 PM 2:10 PM –2:20 PM 2:20 PM –2:30 PM	Panel discussion on Recent advances in TB Moderator – Dr. D K Manoj Artificial intelligence in Radiological diagnosis of TB – Dr. Akhilesh K Artificial intelligence in other areas of TB management – Dr. Kamala R Adherence mechanisms to improve TB outcomes – Dr Karikalan Panelist : Dr. Mithun Manohar, Dr Anitha Thilakan
2:30 PM – 3:15 PM	Oration – Dr. O.A. Sarma Oration Award Chairpersons : Dr. Ashwani Khanna, Dr. K. S. Sachdeva Dr. Santosh Kumar Topic : "Pleural tuberculosis" Speaker : Dr. K Govrinath

TIME	PROGRAMME
3:15 PM – 4:00 PM	Debate – Is whole genome sequencing needed in Current routine management of TB? Chairpersons : Dr. Jagadees Raj P Dr. Reshma Thilakan Moderator : Dr. Kumari Indira K.S Yes – Dr. Nitin Abhayankar No – Dr. Yuvarajan
4:00 PM – 4:45 PM	Panel discussion on VAP • Bio-fire in early management • Newer modes of ventilation Chairperson : Dr. Thomas George Moderator : Dr. Madhu K Panelist : Dr. Jairaj P. Nair, Dr. Vivek P, Dr. Suresh Kumar V K

04:45 PM – 05:30 PM

Valedictory Session

Oral Paper presentation Hall D & Hall E
E – Poster Presentation Hall F

TIME	PROGRAMME
8:00 AM – 9:00 AM	Meet the experts – Dr. Rajendra Prasad, Dr. P.C Kathuria (Allergy and Immunology)
9:00 AM – 9:40 AM	Panel discussion on Basics of Obstructive airway disease • Current Asthma management • Current COPD management • Current Bronchiectasis management Chairpersons : Dr. Kurain Thomas, Dr. Dinesa Prabhu Dr. K G R Mallan Moderator : Dr. C S Ghosh Panelist : Dr. O K Mani, Dr. Suhail N Dr. Ashwini Kumar Mahapathra, Dr. Vineeth A K
9:40 AM – 10:20 AM	Debate – Pseudomonas Eradication in Bronchiectasis – Inhaled antibiotics vs Long term Azithromycin Chairpersons – Dr. Binu Krishnan, Dr. Sabir M C Moderator – Dr. Ameer K A Inhaled Antibiotics preferred – Dr. Vemuri Mahesh Babu Long term oral antibiotics preferred – Dr. Prathap Upadhyay
10:20 AM – 11:00 AM	Debate – Single Triple inhaler vs separate inhalers to combine the three (ICS, LABA, LAMA) Chairpersons – Dr. Abdul Khader Dr. Kurian Oommen Moderator – Dr. Ajith Bhaskar Single (Triple-in-one) better than separate – Dr. Sonia Dalal Overhype – If cheaper, use different inhalers to make same combination – Dr. Nandini V
11:00 AM – 12:30 PM	Oration in Hall A
12:30 PM – 1:10 PM	Sponsored session by Pfizer Title – Pneumococcal vaccination in adult patients with respiratory diseases – Total 40 minutes Chairperson – Dr. Bodhi Sunny Moderator – Dr. Rajesh V Adult Pneumococcal vaccination – need of the hour – Dr. Rajesh V (15 minutes) Panel discussion – Indian perspectives in implementation of an adult vaccination protocol (25 minutes) Panelist : Dr Akhil Paul, Dr Melcy Cleetus, Dr Aditya Ashok

TIME	PROGRAMME
1:10 PM – 1:50 PM	Session by Sanofi Session on Cough Moderator : Dr. Sukumaran P
1:10 PM – 1:30 PM	Management of chronic cough in allergic and non-allergic airway disorders – Dr. Prassana Kumar Thomas
1:30 PM – 1:50 PM	Panel discussion on cough: • Intractable cough in TB – How can we address it? • GERD and Cough Panelist : Dr. Prassana Kumar Thomas, Dr. Ram Nivas Dr. Gayathri Devi H J, Dr. Jesinkumar C
1:50 PM – 2:30 PM	Panel discussion on Interventional Pulmonology Moderator : Dr. Tinku Joseph
1:50 PM – 2:00 PM	Thoracoscopy beyond pleural pathologies – Dr. Nasser Yusuf
2:00 PM – 2:10 PM	Robotic bronchoscopy – Dr. Ambarish Joshi
2:10 PM – 2:30 PM	Panelist : Dr. Ajay Ravi, Dr. Binil Salam M A
2:30 PM – 3:15 PM	Oration in Hall A
3:15 PM – 4:00 PM	Debate on: Vaccinations in COPD Chairpersons : Dr. K. B. Gupta, Dr. Ashok Janmeja Moderator : Dr. Rennis Davis K For : COPD patients should receive all vaccinations – Dr. Agam Vora Against : Risk stratification must be done and vaccination must be given as per individualized need – Dr. Rajesh V
4:00 PM – 4:45 PM	Debate: Current Approach to Latent TB Preventive therapy is Chairperson : Dr. Rekha Gopinath, Dr. Paulo Varghese Akkara Moderator : Dr. Krishnakumar E V Practical – Dr. Elizabeth Mary Thomas Not Practical – Dr. Ajith Bhasker
4:45 PM – 5:30 PM	Valedictory Session
Oral Paper presentation Hall D & Hall E E – Poster Presentation Hall F	

TIME	PROGRAMME
8:00 AM – 9:00 AM	Meet the experts – Dr. Sundeep Salvi, Dr. Rupak Singla (PFT)
9:00 AM – 9:40 AM	PG Quiz – Final (PG quiz Semi final to be conducted in hall D 03 rd Feb 2024, 9:00AM – 10:AM)
9:40 AM – 10:20 AM	Debate – Is it the right time for implementing TB preventive therapy and PMTPT Chairpersons : Dr. P. S. Sarma, Dr. Sudhir Prasad Moderator – Dr. Sunny P Orathel For – Dr. Malik Parmer Against – Dr. Vishal Chopra
10:20 AM – 11:00 AM 10:45 AM – 11:00 AM	Panel discussion on TB Prevention Chairpersons : Dr. Neeta Singla, Dr. Madhu Kanodia, Moderator : Dr. Muhammed J Nishadh Addressing risk factors for TB (8 min) – Dr. Rakesh P S Newer vaccines for TB (8 min) – Dr. Padmapriyadarshini C Improving immunity in TB patients (8 min) – Dr. Radha Munje Panelist : Dr. Amitesh Gupta, Dr. Anjana Babu
11:00 AM – 12:30 PM	Oration in Hall A
12:30 PM – 1:10 PM	Discussion on Support to TB Patients Chairpersons : Dr Rajaram, Dr Bindu C G Moderator : Dr. Amita Nene Prime Minister TB Mukht Abhiyan –Dr. K. S. Sachdeva Role Of Nutrition In Tuberculosis Under 'Nikshay Mitra' ,A Pradhan Mantri Tb Mukht Bharat Abhiyan –Dr. Trinath Dash How to plan for Nutritional supplementation for TB patients with low BMI –Dr. P M Ramesh
1:10 PM – 1:50 PM	Panel Discussion of Interventions in Tuberculosis Chairpersons : Dr. Mahender Kumar, Dr. Vinod Joshi Moderator : Dr. Deepak Muthreja Panelist : Dr. Jeenam Shah, Dr. Shyam Krishnan Dr. Neel Thakkar

TIME	PROGRAMME
1:50 PM – 2:30 PM	Case based discussion on diagnosis and management of ABPA Moderator : Dr. Muraly C P Panelist : Dr. P M Ramesh, Dr. Subin Ahmed Dr. Jayaraj B S Dr. Sudheer Kumar
2:30 PM – 3:15 PM	Oration in Hall A
3:15 PM – 4.00 PM	Panel Discussion on Tuberculosis and research (End TB initiative) The past and future of TB research Moderator : Dr. Sridhar R Panelist : Dr. R Sunil Kumar, Dr. K. Yugandher Dr. Banu Rekha
4.00 PM – 4:45 PM	Debate : Controversy Smear microscopy should be replaced by upfront molecular testing Chairperson : Dr. Nagarajan.S Moderator – Dr. Reshmi S Nair For : Dr. Akhilesh K Against : Dr. Beena Philomina J
4:45 PM –5:30 PM	Valedictory Session
Oral paper presentation – Hall D & Hall E E– Poster presentation – Hall F	