ORGANISED BY
Department of Tuberculosis & Respiratory Diseases, S.N. Medical College, Agra in association with
UP TB Association & The Union, South East Asia Region under the aegis of Tuberculosis association of India

NATCON 2022
77th National Conference of Tuberculosis & Chest Diseases
27th February-01st March 2023
Jaypee Palace Hotel & Convention Centre, Agra, Uttar Pradesh

Conference Theme
"Back to the Basics and Beyond in TB Elimination"

SCIENTIFIC PROGRAMME

Dr. Vijay Kumar Arora
President, SEAR & Chairman
Tuberculosis Association of India

Dr. Santosh Kumar
Organising Chairman

Dr. Surya Kant
Chairman, Scientific Committee

Dr. Gajendra Vikram Singh
Organising Secretary

Department of Tuberculosis & Respiratory Diseases, S.N. Medical College, Agra in association with
UP TB Association & The Union, South East Asia Region under the aegis of Tuberculosis association of India
### Day-1 (28 February 2023) HALL- A (Flexi Lunch)

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| **8:00 AM – 9:00 AM (60 Min)** | **Meet the Experts in mBPaL Regimen**  
**Moderator:** Prof. (Dr.) V.K. Arora, Prof. (Dr.) K.K. Chopra  
Dr. Francesca Conradie (South Africa), Dr. Natalia Lytvenko (Ukraine) |
| **9:00 AM - 9:45 AM (45 Min)** | **Oration Award**  
**Dr. P.K. Sen-TAI Gold Medal Oration Award :** Prof.(Dr.) Jai Kishan  
**Topic:** "LONG TUBERCULOSIS AN UNDER RECOGNIZED PHENOMENON"  
**Chairpersons:** Dr. Ashwani Khanna , Prof.(Dr.) D. Behera |
| **9:45 AM - 10:30 AM (45 Min)** | **Oration Award**  
**Dr. S.N. Tripathy Memorial Oration Award:** Dr. Vishal Chopra  
**Topic:** ROLE OF MEDICAL COLLEGES & STDC's in NTEP  
**Chairpersons:** Dr. Ashwani Khanna, Dr. K.K. Chopra |
| **10:30 AM - 11:15 AM (45 Min)** | **Panel Discussion – “What are the obstacles in achieving END TB Targets?”**  
**Chairpersons:** Prof.(Dr.) A.S. Sachan, Prof.(Dr.) A.K. Bharadwaj, Dr. M.M. Puri , Dr. Neeta Singla  
**Moderator:** Dr. Ranganathan  
1. Lack of IEC - Dr. R. Sridhar (Chennai)  
2. Lack of Sterilizing Shorter regimens - Dr. Nagaraj (Bengaluru)  
3. Lack of HR - Dr. Vijayakumar (Vizag) |
| **11:15 AM - 12:00 PM (45 Min)** | **Panel Discussion - “Challenges in Managing Tuberculosis in Elderly”**  
**Chairpersons:** Dr. Agus Dwi Susanto, Dr. T.P Singh (Lko), Prof.(Dr.) Rakesh Bhargava, Prof.(Dr.) Rajiv Garg  
**Moderator:** Prof.(Dr.) V.K. Arora  
**Panelists:** Dr. O.P Sharma, Dr. Atul kulshrestha, Dr. Jatin Ahuja, Dr. Jawahar, Dr. Aneja, Dr. Agam Vora |
| **12:00 PM – 2:00 PM (2 Hrs)** | **Session by Central TB Division, Ministry of Health & Family Welfare (Govt. of India)**  
**Chairpersons:** Dr. Anand Jaiswal, Dr. Sunil Khapde, Dr. Narendra Bhatta (Nepal), Dr. Uma Shankar S  
1. How close are we to achieve TB Elimination Target of 2025  
**Speaker** - Dr. R.P. Joshi DDG(TB). MOHFW  
2. Private Sector Involvement in TB- Learning & Experiences  
**Speaker** - Dr. Sanjay Kumar Mattoo ADDG(TB). MOHFW  
3. Expectation from Medical Colleges in TB Control Programme  
**Speaker** - Dr. Vivekanand Giri – Joint Director (TB). MOHFW  
4. Scope of TB Preventive treatment under NTEP  
**Speaker** - Dr. Ravinder Kumar - Specialist(TB). MOHFW  
5. Community Involvement in TB Control Programme  
**Speaker** -Dr. Nishant Kumar - Joint Director (TB). MOHFW |
| **2:00 PM – 2:45 PM (45 minutes)** | **Panel Discussion:- Shorter DRTB treatment trials and Regimens**  
**Chairpersons:** Prof.(Dr.) R.A.S. Khushwaha, Dr. Sushmita Roychowdhury, Dr. Leena Menghaney, Dr. Ravinder Kumar  
**Moderator:** Dr. Vijay Vinayak Chavan, (MSF Mumbai)  
**Panelists:** Dr. K.S Sachdeva (Union South Asia), Dr. Malik Parmar (NPO, WHO India), Dr. Neeta Singla (NITRD, Delhi), Dr Animesh Sinha (MSF, UK) Dr. Sandip Patil |
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<tr>
<td>2.45 PM - 3.30 PM</td>
<td>Panel Discussion: “TB in Special Situations”</td>
<td>Prof.(Dr.) S.K. Luhadia, Prof.(Dr.) M. S. Bhartwal, Prof.(Dr.) Mahesh Mishra, Dr. Sanjeev Lavania</td>
<td>Prof.(Dr.) Salil Bhargava</td>
<td>Dr. Anshum Aneja, Dr. K K Sharma, Dr. Lokender Kumar, Dr. Rupak Singla, Dr. Deepak Mutheraja</td>
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<tr>
<td>3:30 PM - 4:15 PM</td>
<td>Panel Discussion: “Molecular diagnostics for TB &amp; Gene Sequencing and ultra xpert”</td>
<td>Dr. Ashok Ratan, Dr. Chitra Irvatham, Dr. Anand Agarwal, Dr. Ankur Goyal</td>
<td>Dr. Ritu Singhal</td>
<td>Dr. Uma Devi, Dr. Ameeta Joshi, Dr. Sarabjeet Chadha, Dr. Chaitali, Dr. Amita Nene</td>
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<tr>
<td>4:15 PM - 5:15 PM</td>
<td>Panel Discussion by TB Alliance</td>
<td>Dr. Manpreet Bhalla, Dr. Prashant Saxena, Dr. Rajeev Tandon, Dr. Rishi Saxena</td>
<td>Dr. K.K. Chopra</td>
<td>1. Experience from South Africa &amp; plans going forward</td>
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<td>International evidence from the field and economic benefits to support use of BPaL/M regimen</td>
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<td>2. Clinical &amp; implementation experience from Ukraine</td>
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<td>Speaker - Dr. Francesca Conradie, (South Africa)</td>
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<td>3. Outcomes from clinical trials and field operations research studies for BPaL/M</td>
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<td></td>
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<td>Speaker - Dr. Nataliia Lytvenko, (Ukraine)</td>
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<td>4. Costing and cost-effectiveness studies for BPaL/M</td>
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<td>Speaker - Dr. Eugene Sun (USA)</td>
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<td>Speaker - Ms. Aastha Gupta (Switzerland)</td>
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<td>5:15 PM - 6:00 PM</td>
<td>Current level of UG &amp; PG teaching &amp; training in TB</td>
<td>Prof.(Dr.) S.K. Bansal, Prof.(Dr.) Rajendra Babu Mathur, Prof.(Dr.) Azad Singh, Dr. Geetu Singh</td>
<td>Dr. R. Shridhar</td>
<td>Not adequate - Dr. Vinod Kumar (Chennai)</td>
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<td>Moderator - Dr. R. Shridhar</td>
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<td>Adequate - Dr. Yuvaraj (Puducherry)</td>
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### Scientific Programme

#### Day-1 (28 February 2023) HALL- B (Flexi Lunch)

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| **8:00 AM– 9:00 AM (60 Min)** | Meet the Experts in Bronchogenic carcinoma  
Prof. (Dr.).D. Behera, Prof. (Dr.) Anant Mohan |
| **9:00 AM – 9:45 AM (45 Min)** | Oration Award  
Way to HALL - A |
| **9:45 AM – 10:30 AM (45 Min)** | Oration Award  
Way to HALL - A |
| **10:30 AM – 11:15 AM (45 Min)** | Panel Discussion on Difficult Asthma  
Chairpersons: Prof. (Dr.) Sarika Gupta, Prof. (Dr.) Madhurmaya, Prof. (Dr.) Mazher Maqsood, Dr. Parul Mrigpuri  
Moderator – Dr. Deepak Talwar  
Panellists – Dr. Arti shah, Dr. Priyanka Jain, Dr. Richa Mittal, Dr. Sheetu Singh |
| **11:15 AM – 12:00 PM (45 Min)** | Panel Discussion on COPD “Does the group and grade encompass every aspect of patient’s condition and TOPD”  
Chairpersons: Prof. (Dr.) Rajesh Gupta (Agra), Dr. Rahul Gupta, Prof. (Dr.) Rajeev Tandon, Dr. Vivek Dwivedi  
Moderator – Dr Rajesh Venkitakrishnan  
Panelists – Dr Venketswara Babu, Dr VenugopalJaganathan |
| **12:00 PM– 1:00 PM (01 Hrs)** | Panel Discussion on Indian Guidelines of Nebulisation Therapy  
Chairpersons: Prof. (Dr.) Mahendra Kumar, Dr. Suresh Kushwaha, Dr. Hari Kishan G, Dr. Sachin Kumar Gupta  
Moderator – Prof. (Dr.) S.K. Katiyar  
Panellists – Prof. (Dr.) Surya Kant, Prof. (Dr.) Vijay Hadda, Dr. Nikhil Sarangdhar, Prof. (Dr.) Rohit Kumar |
| **1:00 PM – 1:45 PM (45 Min)** | Panel Discussion on Allergy and Immunotherapy Guidelines  
Chairpersons: Prof. (Dr.) Ashok Shah, Dr. Gautam Modi, Dr. Amitesh Gupta, Dr. Prateek Mathur  
Moderator – Prof. (Dr.) S.N. Gaur  
Panellists – Prof. (Dr.) A B Singh, Prof. (Dr.) Rajendra Prasad, Prof. (Dr.) VK Jain, Prof. (Dr.) Raj Kumar, Prof. (Dr.) P.C. Kathuria, Prof. (Dr.) A.K Janmeja |
| **1: 45 PM – 2:15 PM (30 Min)** | Panel Discussion: “Phenotyping OSA patients – How it helps in practical management”.  
Chairpersons: Prof. (Dr.) J.C. Suri, Prof. (Dr.) Anant Mohan, Dr. B.P Singh, Prof. (Dr.) Nishant Chauhan  
Moderator – Dr Judo Vachaparambil  
Panelists – Dr Hariprasad, Dr Raj Krishnan Soman Pillai, Dr. Dhram Prakash Dwivedi, Dr Vishal Kumar Chitikeshi |
| **2:15 PM – 3:05 PM (50 Min)** | DEBATE 1 (25 Min)  
Chairpersons: Prof. (Dr.) Sudhir Chaudhri, Dr. D.S Chauhan (JALMA), Prof. (Dr.) T.P. Singh (Agra), Dr. Atul Luhadia  
Topic: All household contacts of pulmonary TB should be treated for latent TB  
For: Dr. Rajnish Gupta  
Against: Dr. Lokender Kumar |
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<th>Speakers</th>
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</table>
| 3:05 PM – 3:55 PM (50 Min) | **DEBATE 2 (25 Min)**  
**Chairpersons:** Dr. Jitendra Saini, Dr. Gunjan Soni, Dr. Ajay Kumar Verma (Delhi), Prof. (Dr.) Ajay Kumar Behra (Raipur)  
**For:** It is time to roll out a 4-month regimen for the treatment of drug-susceptible TB in India  
**Speaker:** – Dr. M.M. Puri (NITRD)  
**Against:** We should persist with the time-tested 6-months regimen for treatment of drug-susceptible TB in India  
**Speaker:** – Dr. Rajeev N Kuldeep |                                                                                                                                     |                                                                                                                                                           |
| 3:55 PM – 4:40 PM (45 Min) | **DEBATE 3 (25 Min)**  
**Chairpersons:** Dr. Rajadhar, Prof. (Dr.) Prem Prakash Gupta, Prof. (Dr.) Richa Gupta, Dr. Bal Vikram Verma, Prof. (Dr.) Santosh Kumar (Agra)  
  
- **For:** Short-acting bronchodilator (SABA) inhalers still have an important role in the management of stable asthma  
- **Speaker:** Dr. Elias Mir  
  
- **Against:** Short-acting bronchodilator (SABA) inhalers have become obsolete in the management of stable asthma  
- **Speaker:** Dr. Anil Jain (NITRD) |                                                                                                                                     |                                                                                                                                                           |
| 4:40 PM – 5:25 PM (45 Min) | **Session on “COPD as systemic disease”**  
**Chairpersons:** Dr. Manoj Goyal, Prof. (Dr.) Amitabh Das Shukla, Prof. (Dr.) Rakhee Sodhi, Dr. Robin Dubey  
1. **Asthma COPD Overlap** – Dr. A.G. Ghoshal  
2. **COPD and sleep disordered breathing**. – Dr. Tejas Suri  
3. **Tuberculosis as a risk factor for COPD**. – Dr. Sameer Arbat  
4. **Systemic inflammation and oxidative stress in COPD**. – Dr. Ankit Bhatia  
5. **COPD and Cardiovascular disease**. – Dr. Mohit Bhatia |                                                                                                                                     |                                                                                                                                                           |
| 5:25 PM – 6:00 PM (35 Min) | **DEBATE-5**  
**TOPIC:** Bacteriological confirmation is essential before starting ATT in suspected pulmonary tuberculosis  
**Chairpersons:** Prof. (Dr.) Tariq Mahmood, Prof. (Dr.) Dipti Gothi, Prof. (Dr.) Alok Chandra, Dr. Anurag Srivastava  
  
- **For:** – Dr. Shashibhushan B.L  
  
- **Against:** – Dr. Vishnu Sharma M |                                                                                                                                     |                                                                                                                                                           |
# Scientific Programme

## Day-1 (28 February 2023) HALL- C (Flexi Lunch)

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<td>8:00 AM – 9:00 AM (60 Min)</td>
<td>Meet the Experts in Hall A and B</td>
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</table>
| 9:00 AM – 9:45 AM (45 Min) | Oration Award  
Way to HALL - A                                             |
| 9:45 AM – 10:30 AM (45 Min) | Oration Award  
Way to HALL - A                                             |
| 10:30 AM – 11:15 AM (45 Min) | END TB Strategy: What is role of Tobbaco Control? (10 Min)  
Chairpersons: Prof. (Dr.) A.K. Arya, Prof. (Dr.) Prashant Prakash, Dr. Avi Bansal, Dr. Subodh Kumar  
Topic: Tobacco Epidemic (Global & National Status): Dr. Rana J.Singh, The Union (15 Min)  
Topic: Co-morbidities of TB – Tobacco (Existing Scientific Evidence) Dr. Puneet Chahar, The Union (15 Min)  
Panel Discussion “National Framework for joint TB-Tobacco Collaborative Activities- way Forward” (20 min)  
Moderators: Prof. (Dr.) Raj Kumar, Dr. Kuldeep Sachdeva  
Discussants: Dr. Rana J Singh, The Union |
| 11:15 AM – 11:45 AM (30 Min) | Panel Discussion: Recent Advances in COPD Management  
Chairpersons: Prof. (Dr.) S.K. Katiyar, Prof. (Dr.) Ashish Gautam, Dr. Ashish Kumar Singh (Jaipur), Dr. Amit Gupta (Agra), Prof. (Dr.) Santosh Kumar (Agra)  
Moderator: Dr. Bharat Gopal  
Panelists: Dr. Deepak Talwar, Dr. Veerotam Tomar, Dr. Amita Nene, Dr. Renis Davis |
| 11:45 AM – 12:30 PM (45 Minutes) | DEBATE 8  
NTEP - Is it private practitioner friendly?  
Chairpersons: Dr. N. Somashekar, Prof. (Dr.) Ramakant Yadav, Dr. Subhash Chand Gupta, Dr. Pawan Gupta  
Moderators: Dr. Sanjeev Nair (Thrissur) Dr. P. Vivek  
Against – Prof.(Dr.)Dharm Prakash Dwivedi  
For - Dr. Akhilesh Kunoor (Ernakulam) |
| 12:30 PM – 6:00 PM (05 Hrs & 30 Min) | FREE PAPERS |
## Day-2 (01 March 2023) HALL- A (Flexi Lunch)

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| 8:00 AM – 9:00 AM   | Meet the experts - Researches in Tuberculosis  
Dr. Padmapriyadarsini, Dr. N. Somshekhar                                                                                           |
| 9:00 AM – 9:40 AM   | Oration Award  
Dr. S.P. Agarwal-TAI Oration Award: - Prof. (Dr.) Radha Munje  
Topic - TPT the right Choice and way forward for TB control in INDIA  
Chairperson – Prof. (Dr.) R.K Dewan, Prof. (Dr.) K.K. Chopra                                                                 |
| 9:40 AM – 10:20 AM  | Oration Award  
Dr. O.A. Sarma Oration Award:- Dr. Nandini Sharma  
Topic - Competency based medical education: A catalyst to end TB by 2025"  
Chairperson – Prof. (Dr.) Rajendra Prasad, Prof. (Dr.) Surya Kant                                                                |
| 10:20 AM – 11:05AM  | Decentralizing DR-TB Treatment – Last Mile Management  
Chairpersons: Shri R.C. Tripathi, Dr. Shailendra Bhatnagar, Dr. (Prof.) Rajesh Agarwal, Dr. Gopal Durgeshwar  
Overview of consolidated TB guidelines & Case based practical approaches for modifying Dr-TB regimens  
- Dr. Vikas Oswal – 20 Min  
Empowering district DR-TB centers to achieve Decentralized treatment – Prof. (Dr.) Salil Bhargava (15 Min)  
Panel Discussion: Empowering district DR-TB centers to achieve Decentralized treatment (10 Min)  
Moderator: - Prof. (Dr.) Salil Bhargava  
Panelists: Dr. Vikas Oswal , Prof. (Dr.) Rajesh Solanki                                                                            |
| 11:05 – 11:50 AM    | Panel Discussions:- Tuberculosis – are we nearing to eliminate tuberculosis in India (end TB strategy)  
Chairperson – Prof. (Dr.) Sudhir Chaudhri, Prof. (Dr.) A.G. Ghoshal, Dr. Subir Kumar Dey; Dr. Gajendra Vikram Singh  
Moderator – Dr. Vinod Kumar (Chennai)  
Panelists: Dr Praveen Kumar, Dr. Thomas Vadakkan, Dr Vishnukanth Govindharaj                                                  |
| 11:50 – 12:40 PM    | Panel Discussion:- Drug Resistant TB in Paediatric Group challenges and way forward  
Chairperson – Prof. (Dr.) Rajesh Solanki, Prof. (Dr.)K.B Gupta, Dr Sarman Singh, Dr. Sushant Mane  
Moderator- Dr. Sangeeta Sharma  
Panelist – Prof. (Dr.)Rajeshwar Dayal, Prof. (Dr.)Radha Munje, Dr. Amita Joshi, Dr. Manpreet Bhatla |
| 12:40 – 4:00 pm     | SESSIONS BY UNION  
1. Panel Discussion:- "Community wide screening for TB to demonstrate “End TB Strategy in a District”", - (55 mins)  
Chairperson – Prof. (Dr.) V. K. Arora, Dr. Ashwin Khanna, Dr. T.P. Singh (Lko), Prof. (Dr.) Renu Agarwal  
Panelists:  
- Prof. Guy Marks, President and Interim Executive Director, The Union  
- Dr. Nishant Kumar, CTD, MoHFW  
- Thu-Anh Nguyen, Vietnam, The Union (tentative)  
- Dr. KS Sachdeva, Regional Director, The Union  
2. Panel Discussion:- TB Preventive treatment- (55 mins)  
Chairperson – Prof. (Dr.) Rajendra Prasad, Prof. (Dr.) Zuber Ahmed, Prof. (Dr.) Radha Munje, |

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<td>4:00 - 4:45 PM (45 Min)</td>
<td><strong>Panel Discussion:</strong> Challenges Appraisal and Suggestions for National TB Elimination Program</td>
<td>Prof. (Dr.) Santosh Kumar(Lko), Dr. Latha Sharma, Dr. Amandeep Kaur, Dr. Sanjeev Anand</td>
<td>Prof. (Dr.) Ravindra K. Dewan</td>
<td>Dr. Padmapriyadarsini, Dr. N. Somashekhar, Dr. Kuldeep Sachdeva, Prof. (Dr.) Vinod Kumar</td>
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<td>4:45 - 5:30 PM (45 Min)</td>
<td><strong>Panel Discussion:</strong> Extrapulmonary TB</td>
<td>Prof. (Dr.) A K Janmeja, Dr. Ravindra M. Sarnaik, Dr. Amita Nene, Dr. Gaurahari Pradhan</td>
<td>Prof. (Dr.) Jai Kishan</td>
<td>Dr. Vipin Varkey, Dr. Avinash Anil Nair, Dr. Noufal Poongadan, Dr. R P Takhar</td>
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## Scientific Programme

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| 8:00 AM – 9:00 AM (60 Min) | Meet the Experts in Drug Resistance Tuberculosis  
Prof. (Dr.) Rajendra Prasad, Prof. (Dr.) Surya Kant |
| 9:00 AM – 9:45 AM (45 Min) | Oration Award  
Way to HALL - A |
| 9:45 AM – 10:30 AM (45 Min) | Oration Award  
Go To HALL - A |
| 10:30 AM – 11:15 AM (45 Min) | Chairpersons: Dr. Sonisha Gupta, Dr. Vineet Mahajan, Dr. Ashwini Mishra, Dr. Vikram Saini  
Topic: “New Horizon in Drug Resistance Tuberculosis Diagnostics” (20 Min)  
Speaker – Dr. Bornali Dutta  
Topic: “Characterization of drug-resistant tuberculosis using whole genome sequencing” (13 Min)  
Speaker– Dr. Aparna Bhanushali  
Topic: “TB Whole genome sequencing; Real-world experience” (12 Min)  
Speaker: Dr. Tariq Mahmood |
| 11:15 AM – 12:00 PM (45 Min) | Panel Discussion  
“Environmental changes and its impact on Respiratory diseases”  
Chairpersons: Dr. Nibedita Rath, Prof. (Dr.) S.K. Sarkar, Prof. (Dr.) Ved Prakash, Prof. (Dr.) Chand Bhandari  
Moderators : Dr. Agam Vohra  
Panelists : Dr Nitesh Tayal, Dr Darshan Kumar Bajaj, Dr. Meena |
| 12:00 PM – 1:15 PM (01 Hrs & 15 Min) | Session on ‘Virtual healthcare delivery models to achieve End TB targets’  
Chairpersons: Dr. J K Saini, Prof. (Dr.) Mridul Chaturvedi, Dr. Anand Shrivastava, Dr. Rajkumar (JALMA)  
1. Telemedicine for TB care. - Dr. Naveed Nazir Shah  
2. Virtual services - The sky is the limit. - Prof. (Dr.) Mohammed Shameem  
3. Can Public private partnerships for virtual respiratory care take TB elimination to the next level. – Prof. (Dr.) Anand kumar  
4. HIV & TB status. - Dr. Lalit Mahendru, Dr. Anoop Kumar Puri (DDG NACO) |
| 1:15 PM – 2:00 PM (45 Min) | Panel Discussion  
How to strengthen State Task Force mechanisms? Any role of Artificial Intelligence .  
Chairpersons: Dr. Ashwani Khanna, Dr. Bamin Tadda, Prof. (Dr.) Anuj Tyagi, Dr. Pushpendra Singh  
Administrative steps - Dr. Subakar Kandi (Hyderabad)  
Academicians role – Dr. Prof. Ramesh (Chennai)  
Laboratory strengthening - Dr. Vinod Kumar (Tamil Nadu)  
Operational research - Dr. Sanjeev Nair (Kerala) |
| 2:00 PM – 3:00 PM (01 Hrs) | Session on “Role of Nutrition in TB-Elimination - Back to the Basics”.  
Chairpersons: Dr. K.S. Sachdeva, Prof. (Dr.) Vinod Joshi, Dr. Naresh Raghav, Dr. Zia Hashim  
1. Evidence from RATIONS trial, Jharkhand - Dr Anurag Bhargava (Mangalore) (15 Min)  
2. Evidence from MUKTI-Project, MP- Dr. Manjunath Shankar, (IPE Global, New Delhi) (15 Min)  
PANEL DISCUSSION - (30 Min)  
Moderator: Dr. Anurag Bhargava |
## Scientific Programme

### Panelists:
- Dr. Rajendra Joshi, DDG TB or representative from CTD, Dr. Vineet Bhatia, Regional Advisor (WHO SEAR), Dr Amar Shah: TB Advisor (Strategy and Innovation), USAID/India, Dr Madhavi Bhargava, Associate Professor (Community Medicine), Yenepoya Medical College, Mangalore

### 3:00 PM – 3:45 PM (45 Min)

**DEBATE- 6**
Group 3 PH - to treat or not to treat (12 + 3 = 30 minutes)

Chairpersons: Prof. (Dr.) S.K. Verma, Prof. (Dr.) Rahul Gupta, Prof. (Dr.) K.B Gupta, Prof. (Dr.) Lalit Singh

Moderator: Dr. Manju R

- To treat – Dr. Pratapupadhya
- Not to treat – Dr. Srinivas Rajagopala

### 3:45 PM – 4:30 PM (45 Min)

**DEBATE- 7**
Treatment approach for PF-ILD – immunomodulation versus antifibrotic therapy (12 + 3 = 30 minutes)

Chairpersons: Prof. (Dr.) Alok Nath, Dr. Veerottam Tomer, Dr. Ashish Tandon, Dr. Sandeep Katiyar

Moderator: Dr. Tanmay Talukdar

- Immunomodulation – Dr Praveen Valsalan
- Antifibrotic – Dr. Saurabh Karmakar

### 4:30 PM – 5:15 PM (45 Min)

**Session on Critical Care**

Chairpersons: Dr. Rajnish Gupta, Prof. (Dr.) Ajmal Khan, Dr. Kumar Utsav, Prof. (Dr.) Ruchi Dua

1. ARDS in TB. – Dr. Mansi Gupta
2. Pulmonary embolism in TB. – Dr. K.K Sharma
3. Non invasive ventilation - applications in TB care. – Dr. Vidushi Rathi
4. General management of TB in the ICU - Dr. Amit Gupta

### 5:15 PM – 6:00 PM (45 Min)

**Session on PFT**

Chairpersons: Prof. (Dr.) Girish Sindhwani, Prof. (Dr.) Jagdish Rawat, Dr. Dinesh Mehta, Dr. Anukool Jain

1. How to set up a PFT lab – Dr. Rajesh Swarnakar
2. Impulse oscillometry. - Dr. Kranti Garg
3. Spirometry in my clinical practice - tricky cases. - Dr. Nikhil Sarangdhar
4. Pink city flow meter. - Dr. Nishtha Singh
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<td>Oration Award Way to Hall-A</td>
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<tr>
<td>9:40 – 10:20 AM (40 Min)</td>
<td>Oration Award Way to Hall-A</td>
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<td>10:20 – 11:05 AM (45 Min)</td>
<td>Panel Discussion “TB Vaccination Going Forward”. Chairpersons: Prof. (Dr.) Lalita Fernandes, Prof. (Dr.) Narayan Mishra, Prof. (Dr.) Arvind Kumar, Prof. (Dr.) Shailendra Chaudhary Moderator: Dr. Padmapriyadarshni Panelist: Prof. (Dr.) Salil Bhargava, Prof. (Dr.) Subhakar Kandi, Dr. Reuben Swamickan</td>
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<td>11:05 AM – 11:50 AM (45 Min)</td>
<td>Session on United Airway Disease (UAD) Chairpersons: Prof. (Dr.) Ashok Shah, Dr. Suresh Kushwaha, Dr. Varun Chaudhary, Dr. Rajiv Upadhyay, Dr. Saurabh Yadav Optical Management Of Nasal Congestion In Patients With Allergic Rhinitis Speaker: Dr. Sachin Kumar Gupta Moderator: Dr. Akhil Pratap Singh Panelists: Prof. (Dr.) Devendra Kumar Singh, Prof. (Dr.) Gaurav Khandelwal, Prof. (Dr.) Ritu Gupta, Prof. (Dr.) Eema Choudhary (Meerut)</td>
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<td>11:55 AM – 1:15 AM (01 Hrs &amp; 20 Min)</td>
<td>Chairpersons: Dr. Vishnu Sharma, Dr. Manish Kumar Sharma, Dr. P. Vivek, Prof. (Dr.) D.C Punera Topic: Diagnostic and therapeutic interventions in TB (20 min) Speaker: Dr Pratibha Singhal Topic: Management of CTD-ILD (20 min) Speaker - Dr Shyam Narayan Gupta Topic: Ayushman Bharat Digital Mission (ABDM) (20 min) Speaker - Mr. Narendra Singh ABDM (Adoption) Topic: “ILD Year in review (20 Min) Speaker – Dr. Amita Nene</td>
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<td>1:15 – 6:00 PM (04 Hrs &amp; 45 Min)</td>
<td>FREE PAPERS</td>
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