

AMERICAN THORACIC SOCIETY 2010 INTERNATIONAL CONFERENCE

New Orleans, Louisiana - May 14-19, 2010

AGENDA FOR TB-RELATED SESSIONS (And other related sessions of interest)

Pre-registration not required. You may register on site for the meeting. Additional information, at: <http://conference.thoracic.org/>

Please check the final program for possible presentation and/or session location changes.

Saturday, May 15: 4:30 - 6:30 pm: **OPENING CEREMONY.** (Pre-registration required.) **Key Note: Hurricane Katrina- Lessons Learned;** Bennett deBoisblanc, MD, Director of Critical Care Services, Medical Center of Louisiana. **MORIAL Convention Center (CC)**

SUNDAY 8:15 am- 4:00 pm: A51Thematic Poster Session: **Diagnosis of Latent and Active TB:** Facilitators: PA LoBue, MD; SS Parsia, MD; DP Holland, MD. Authors at posters 10:45 am – 12:30 pm. **Morial CC Area A Hall G**

- **Malnutrition And Helminth Infection Affect Performance Of An IGRA For Diagnosing LTBU In Children/T.A. Thomas, et al.**
- **Acceptability Of IGRAs Among Healthcare Workers Who Receive Routine Employee TBN Testing/Y. Hirsch-Moverman, et al.**
- **Discrepancy Between TST & IGRA Among New York Health-Care Workers: A Case Series/G. Lisker.**
- **Interferon- γ Release Assays For TB Screening Of Healthcare Workers: A Systematic Review/A. Zwerling, et al.**
- **T Spot TB And Healthcare Workers - To Treat Or Not To Treat?/A. Jamil, et al.**
- **Identification Of Novel Antigens For The Serodiagnosis Of TB/J.J. Marsh, et al.**
- **TB Evaluation And Management In District Health Centers In Rural Uganda/J.L. Davis, et al.**
- **Using MODS and/or TLA Techniques For Active TB Diagnosis: A Systematic Review And Meta-Analysis/E. Leung, et al.**
- **Performance Of LED Fluorescence Microscopy For Diagnosis Of Pulmonary TB: Preliminary/C.K. Everett, et al.**
- **Study Of Rapid Access TB Clinic/P.K. Puthran, et al.**
- **Implantation Of A TB Control Program In A Pediatric Population Living In A Shanty Town/M.F. Bussamra, et al.**
- **Examination Of Causes Of Delayed Diagnosis In Pulmonary Tuberculosis Cases/K. Kobayashi, et al.**
- **Analysis Of Conventional Methods Of Diagnosis In Pulmonary TB: What Is Its Sensitivity And Specificity?/I.V. Palma, et al.**
- **Agreement Of Chest CT Scan & Chest X-Ray Findings in TBN Pos. Filipino Children - Prospective Study/B.D. Dela Cruz, et al.**
- **Prelim. Results Of Study Of Induced Sputum, String Test, And Gastric Aspirate Diagnosis Of Pul. TB In Children/CM Perez-Velez.**
- **Challenges In Diagnosing Tuberculosis Patients In A Low Incidence Country/G.A. Madsen, et al.**
- **Sensitivity And Specificity Of A Nucleic Acid Amplification Test (AMT-BK) For Tuberculosis Detection/R.W. Dal Negro, et al.**
- **Role Of QFT-TB Gold Test In The Diagnosis Of Active TB/M. Losi, et al.**
- **Sensitivity And Specificity Of A Nucleic Acid Amplification Test (AMT-BK) For TB Detection/C. Micheletto, et al.**
- **A Molecular Strategy For A Faster Detection Of Resistant TB/J. Alcazar Ramirez, et al.**
- **Clinical Characteristics Of Tuberculous Pleurisy Patients With Low Adenosine Deaminase Levels/J.D. Lee, et al.**
- **Utility Of IGRA For The Diagnostics Of Pleural TB/A. Ondrejzkova, et al.**
- **Fusion Protein For Optimal Serodiagnosis Of Pleural TB In Endemic Area/L.S. Araujo, et al.**
- **The Comparison Of Pleural Fluid TNF- α And IL-10 Levels With ADA In Tuberculous Pleural Effusion/A. Ciledag, et al.**
- **In An Undeveloped Country Granulomatous Mastitis Is Not Necessarily TB/K.B. Tafur, et al.**
- **Mediastinal Lymphadenopathy-Not An Unusual Cause Of Pyrexia Of Unknown Origin/N. Jain, et al.**
- **Single-Specimen Microscopy: Approach To Same-Day Diagnosis Of Pulmonary TB In Low-Income Countries/A. Cattamanchi, et al.**
- **Comparison Of TBN Skin & QFT-TB-Gold In Tube In Diagnosis Of LTBI In A Community Contact Study/J.M. Garcia-Garcia, et al.**
- **Use Of Antibiotics Delays Diagnosis Of Tuberculosis/M. Wang, et al.**

SUNDAY: 8:15 am- 4:00 pm: Thematic Poster Session: **Pneumonia – Host Defense Mechanisms to Infectious Challenge:** Facilitators: S. Jeyaseelan, PhD, DVM; S. D. Tachado, MD; L. J. Quinton, PhD. Authors at posters: 10:45-12:30. 18 posters. **Morial CC Area L Hall G.**

SUNDAY: 12:00 - 1:00 pm **L3 Update from CDC's TB Trials Consortium and TB Epi Studies Consortium:** Chairing: Elsa Villarino, MD; D. Garrett, MD, MSc. **Morial CC Rm295-296.**

12:00 pm **TBESC: Wrapping Up the Old and Preparing for the New:** D. Garrett, MD, MSc.

12:15 pm **The New TBTC: Sites and Capacities:** Elsa Villarino, MD.

12:30 pm **Results of Pilot Study Evaluating Use of IGRA Results in Predicting TB After Immigration (Vietnam to US):** R. Reves, MD.

12:45 pm **High Dose Rifamycins: Trials and Opportunities:** RE Chaisson, MD.

SUNDAY: 12:00 – 1:00 pm Meet the Professor Seminar: **Case Based Approach to Difficult Non-Tuberculous Mycobacterial Infections:** AE O'Donnell, MD. (Pre-registration is required) **Morial CC Rm336**

NOTE: The CDC National Prevention Information Network (NPIN) booth (#804) is located in the exhibit hall and has free TB-related education & information materials including: Information Guide and Core Curriculum CD ROMs, Skin Test DVD Kits, Booklets (English & Spanish), the Ethnographic Guide CD ROMs, and other educational and user friendly materials.

NOTE: International Union Against Tuberculosis and Lung Disease (The Union) membership material including benefits documents, membership forms, poster information, and the 2010 Union World Conference flyer will be displayed at the "Future Meetings Table" and Poster Board located on the 2nd floor across from meeting room 265 in the Morial Convention Center.

This agenda information is provided as a courtesy by STOP TB USA (formerly the National Coalition for Elimination of TB). The information was obtained from the ATS 2010 Advance Program, individual ATS members, and the ATS website.

SUNDAY: 1:30 pm - 4:00 pm: Mini Symposia: **New Strategies for Diagnosing Latent and Active Tuberculosis**; Chairing: S Shaw, MD, KUJ Dheda, MD, PhD. **Morial CC Rm260-262.**

1:30 pm **Mapping the Landscape Of TB Diagnostic Research**: L. Brunet, et al.

1:45 pm **Rapid Diagnosis of TB & MDR TB Using the Microscopic-Observation Drug-Susceptibility (MODS) Assay in a High HIV Prevalence Setting South Africa**: S. Shah, et al.

2:00 pm **The Effect of False Positive & False Negative Microscopy Results on Mortality Among HIV-Infected Ugandans Undergoing Evaluation for TB/R.J. Blount, et al.**

2:15 pm **Impact of Patient Drop-Out on the Effective Sensitivity of Smear Microscopy Strategies**: S. Den Boon, et al.

2:30 pm **The First Month of a New Diagnostic Service For Molecular Detection of MDR and XDR-TB**: B. Metchock, et al.

2:45 pm **Universal DNA Sequencing of the RpoB Gene for ID of Rifampin-Resistant and MDR-TB, NYC 2005-2007**: H. Anger, et al.

3:00 pm **Multi-Cytokine Profiles after TTB Antigen Stimulation: Search for New Biomarkers for Latent & Active TBs**/J.E. Stout, et al.

3:15 pm **Incremental Value of IGRAs for Diagnosis of Active TB in Smear- Neg. Patients in High-Burden Setting: A Multivariable Analysis**: D.I. Ling, et al.

3:30 pm **IGRAs in Serial Testing for Latent TB Infection in U.S. Health Care Workers**: R. Belknap, et al.

3:45 pm **Review of Sensitivity of IGRAs for Detection of M.tb in HIV-Infected patients**: RM Smith, et al.

SUNDAY: 1:30 pm - 4:00 pm: Mini Symposia: **Bacterial Pneumonia: Bench to Bedside**; Chairing: SB Gordon, MD, Liverpool, England; SM Moskowitz, MD, Boston, MA; KA Crothers, MD, There are 10 oral presentations. **Morial CC Rm271-273**

SUNDAY: 1:30 pm - 4:00 pm: A83 **Great Cases: Clinical, Radiologic, and Pathologic Correlations by Master Clinicians**: Chairing: RA Robbins, MD; CH Welsh, MD; AT Scardella, MD. **Morial CC Auditorium B**

1:30 pm **Ten Case Discussions by Master Clinicians**: MI Schwartz, MD; JE Heffner, MD.

2:30 pm **Radiographic Reviews**: JD Newell, Jr. MD.

3:30 pm **Pathologic Reviews**: KO Leslie, MD.

SUNDAY: 4:30 PM-6:30 PM - **AWARDS SESSION**; This session included the Amberson lecture and award of the TRUDEAU MEDAL; the DISTINGUISHED ACHIEVEMENT AWARD; the OUTSTANDING CLINICIAN AWARD; the PUBLIC SERVICE AWARD; the OUTSTANDING EDUCATOR AWARD; and the WORLD LUNG HEALTH AWARD. **The 2009 lecturer and awardees announced in Final Program. Morial CC. La Nouvelle Orleans B-C (Second Level)**

Sunday May 16: 7:00 PM- 9:00 PM TB CONTROL STRATEGIES POSTER DISCUSSION SESSION (SPONSORED BY US CENTERS FOR DISEASE CONTROL & U.S. NATIONAL TB CONTROLLERS ASSOCIATION): Chairing J. Jereb, MD, and P. Griffin, BBA. This session will focus on innovative techniques that are helping to meet the challenges of TB control. The session has become the TB public health focal point for attendees at this meeting. Poster presentations are excellent, discussions lively, and there is opportunity to meet others involved in TB control. **Hilton New Orleans Jefferson Ballroom**

Monday:7:00-8:00am: Sunrise Seminar: **SS111 Clinical and Research Opportunities in Africa**: SB Gordon MD (Pre-registration) **Morial348**

Monday: 8:15 am-10:45 am Scientific Symposium. **Keeping the Immunosuppressed Well: TB and Not TB**: Chairing: J. Keane; NR Patel, MD; KL Winthrop, MD, MPH. **Morial CC Rm 295-296.**

8:15 am **Patient Perspective**: R. Spilborgs.

8:20 am **Mycobacteria and Endemic Mycosis: Risks and Rewards of Biologic Therapy**: KL Winthrop, MD.

8:45 am **Modulation of Innate Immunity by Viral Infections: Lessons from Influenza & HIV**: NR Patel, MD.

9:10 am **Environmental Pathogens & Organ Transplant: Screening & prevention. Who is at Risk?** T Chiller.

9:35 am **Diabetes: What does it teach us about TB Pathogenesis & Host Susceptibility?** H. Kornfield.

10:00 am **Human Genetics, Innate Immunity, & Susceptibility to Bacterial Pneumonia**: JP Mizgerd, MD, PhD.

10:25 am **The Environment & TB Susceptibility: Lessons from Sages of Smoking & Vitamin D**: J Keane, MD.

Monday: 8:15 - 10:45 am Poster Discussion Session: **Non-Tuberculosis Mycobacteria: Bench to Bedside**; Chairs: ES Guy, MD; KP Fennelly, MD; TK Maras, MD, FRCPC, MSc. Poster viewing 8:15 am. Discussion 9:15 - 10:45 am. There are 23 posters. **Morial CC Rm291-292.**

Monday: 8:15 - 10:45 am B25 Poster Discussion Session: **H1N1, Seasonal Influenza, & Other Viral Pneumonia**; Chairing: L Rubinson, MD PhD; KL Hartshorn, MD, G. Dominguez-Cherit. Poster viewing 8:15 am. Discussion 9:15-10:45 am. **27 posters. Morial CC Rm 293-4**

Monday: 8:15 am - 4:00 pm: Thematic Poster Session: **TB and Non-TB Mycobacterium Treatment Outcome Studies & Case Reports**; Facilitators: P Nahid, MD, MPH; JL Davis, MD; MJ Arentz, MD. Authors present at posters 10:45 am - 12:30 pm. **Morial CC Area E Hall G.**

- **High Mortality In Patients With TB Symptoms In Moshi, Tanzania: Considerations For TB Diagnostics, Lung Health And Health Systems Strengthening**/C. Hamilton, et al.
- **Clinical Manifestations And Treatment-Outcome With DOTS In Elderly Patients With Active TB/N.** Dharmavaram Harirao, at. al.
- **Treatment Outcomes Of INH-Resistant TB: One Center/Multiple Institutions & Retrospective Study In S. KOREA**/J.S. Kim, et al.
- **Clinical And Biological Factors Associated With Pulmonary Function Change During Anti-TB Treatment**/J. Chen, et al.
- **Community Pharmacies-A New Weapon In The Battle Against TB**/A. Antunes, et al.
- **Outcomes And Risk Factors For Detention Of TB Patients In New York City**/S. Pursnani, et al.
- **Elevated Hepatitis B Or C Viral Load Predisposes TB Patients To Both Drug- & Virus-Induced Hepatotoxicity During Anti-TB Treatment**/L. Lee, et al.
- **Factors Predicting The Change Of Pulmonary Function After Complete Treatment Of Pulmonary TB**/K. Chung, et al.

- **MDR-TB: Early Experiences Of Two Irish Tertiary Referral Centres/B. Kennedy, et al.**
- **Case Rept: Immune Reconstitution Inflammatory Syndrome In HIV-Infected Patient w/ Pharyngeal TB/P. Hidalgo Martinez, et al.**
- **Case Rept: Hemophagocytic Lymphohistiocytosis In Miliary TB/A.R. Leon-Sanchez, et al.**
- **Case Rept: Post-Primary TB Of The Nasolacrimal Duct/K.L. Winthrop, et al.**
- **Case Rept: Pulmonary TB Presenting As Solitary Pulmonary Nodule In HIV Patient: Diagnostic Dilemma In Non-Endemic Area/P. Talari, et al.**
- **Case Rept: A Case Of Distribution Of Pulmonary TB In Bedridden Patient With Quadriplegia/H.G. Hwang, et al.**
- **Case Rept: Uncommon Presentation Of A Very Contagious Disease/M. Alhakeem.**
- **Case Rept: Interferon Gamma Receptor Defect & Its Association With NTM Infection/R. Rashid, et al.**
- **Case Rept: Mycobacterium Genavense Pneumonia/B. Rammaert, et al.**
- **Case Rept: Mycobacterium Microti - Rare Case Of Human Infection/C. Song, B. et al.**
- **Case Rept: A Confirmed Case Of M.Gordonae With Clinical, Microbiologic, & Radiographic Improvement On Clarithromycin, Rifampin, And Ethambutol Treatment/C. Aguilera, et al.**
- **Case Rept: Pulmonary Mycobacterium Gordonae Infection In An Immunocompetent Host/A. Asija, et al.**
- **Case Rept: Co-Infection With Cryptococcus Gattii And M. tb In An Otherwise Healthy 18-Yr-Old Woman/L. Van Tongeren, et al.**
- **Prevalence Of TB And Compliance With Anti-TB Therapy During April 07-April 08 In Northern Ireland/I. Masih.**
- **Phenotypic Tolerance Of M. tb To Streptomycin In The Guinea Pig Model/Z. Ahmad, et al.**
- **The Antagonistic Effect Of INH On RIF-PZA in Experimental Murine TB Requires Functional Bacterial Catalase-Peroxidase/E.L. Nuernberger, et al.**
- **Inactivation Of MDR & XDR M. tb Strains By Using Photodynamic Therapy (PDT)/N. Sung.**
- **Curcumin Enhances Macrophage Killing Of M.tb/E.D. Chan, et al.**

Monday: 8:15 am – 4:00 pm: Thematic Poster Session: **Respiratory Tract Infections: Diagnosis & Prognosis**; Facilitators: R. F. Grossman, MD; J. Brown, PhD; J. Saukkonen, MD; C. M. Mason, MD. LA. Authors at posters 10:45 am – 12:30 pm. 23 posters. **Morial CC Area E Hall G**

Monday: 8:15 am – 4:00 pm: **Thematic Poster Session: Mycobacterial Disease: Host Defenses**; Chairing: D. Lewinsohn, MD; MD. Weiden, MD. Authors present at posters 10:45 am – 12:30 pm. **Morial CC Area A Hall G**

- **Human Mucosal Associated Invariant T Cells Detect M. tb Infected Cells/D. Lewinsohn, et al.**
- **Previously Treated TB Patients Have A Higher Percentage Of Circulating Treg CD4+CD25highFoxP3 CD127- Cells Than Persons With LTBI/A.S. De Almeida, et al.**
- **Abnormal Immune Responses In Persons With Previous Extrapulmonary TB In An In Vitro Macrophage Model That Simulates In Vivo Infection With M. tb/C.T. Fiske, et al.**
- **Harnessing Of TLR-Mediated Autophagy To Eliminate M. tb From Macrophages/Y. Xu, et al.**
- **Antioxidants Reduce The Growth Of Mycobacteria Inside Macrophages/R.E. Oberley-Deegan, et al.**
- **Neutrophils Activate Alveolar Macrophages By Producing Caspase-6 Mediated Cleavage Of Interleukin-1 Associated Kinase-M (IRAK-M) In TB/H. Kobayashi, et al.**
- **BCG Induces P62-Dependent Autophagy-Independent Formation Of Dendritic Cell Aggresome-Like Structures/X. Liu, et al.**
- **Alcohol Modulates The Immune Response To Murine Vaccination With M. Bovis BCG/C. Mason, et al.**
- **Reduced Serum Cholesterol Level Among Patients With TB/R.A. Accinelli, et al.**
- **Vitamin D Upregulates TLR Signaling In HIV-Infected Macrophages Exposed To M. tb/A.M. Anandaiah, et al.**
- **mTOR Negatively Regulates Macrophage Response To Mycobacterium Tuberculosis/M. Bole, et al.**
- **Therapeutic Effects Of PJW Ag 85B DNA Vaccine During Chemotherapy In Mice Infected With M. tb/Y.S. Kim, et al.**

Monday: 12:00 – 1:00 pm Meet the Professor Seminar: **Diagnosis and Management of Index Cases and Contacts with MDR and XDR TB**; KUJ Dheda, MD, PhD. (Pre-registration and fee required.) **Morial CC Rm 350**

Monday, May 18: 1:00 pm – 4:00 pm **Controversies in Pulmonary Infection: Challenging Conventional Wisdom**; Chairing: ML Metersky, MD; MI Restrepo, MD. Includes two TB Presentations: **Morial CC Rm 343-45.**

2:23 pm **IGRAs Should replace the Tuberculin Test for the Diagnosis of Latent TB Infection: PRO**: NW Schluger, MD.

2:47 pm **IGRAs Should replace the Tuberculin Test for the Diagnosis of Latent Tuberculosis Infection: CON**:KUJ Dheda, MD, PHD.

Monday, May 18, 2009: 4:30 - 6:30 pm: **MICROBIOLOGY, TUBERCULOSIS AND PULMONARY INFECTIONS - Assembly Membership Meeting**; Outgoing Chair: C.L. Daley, MD; Incoming Chair: Lawrence Huang, MD. The assembly focuses on all aspects of tuberculosis control & other pulmonary infections. **Hilton New Orleans Riverside.**

Tuesday: 7:00-8:00 am: Sunrise Seminar: **M. tb in HIV: Novel Treatment Strategies**; AM Anandaiah, MD (Pre-registration) **Morial Rm 348.**

Tuesday: 8:15 am – 4:00 pm: Thematic Poster Session: **Epidemiology of Latent and Active TB**; Chairing: SR Mase, MD, MPH; A. Rendon, MD;DJ Horne. Authors will be at posters 10:45 am – 12:30 pm. **Morial CC Area C Hall G**

- **5 Year Cohort Analysis Of Foreign Born TB Notifications In UK Centre/G. Woltmann, et al.**
- **Assessment Of The Nosocomial Transmission Of MDR TB In Moldova Using DNA Fingerprinting Of M.tb/V. Crudu, et al.**
- **Tobacco Smoking & Spectrum Of TB Infection And Disease In South African Patients With Suspected TB/L. Brunet, et al.**
- **LTBI Among Household Contacts Of Patients With Smear-Positive TB/P. Kouw, et al.**
- **Geographic Time-Series Analysis Of Harris County/Houston TB/M.L. Feske, et al.**
- **Map Is Worth 1,000 Assessments: Using GIS Analysis To Spatially Target TB In Houston, Texas/M.L. Feske, et al.**

- **Risk Factors For Defaults In TB Treatment/M.V. Pontino, et al.**
- **Study Of Contacts Of TB- Pilot Program Through The Coordination Of The Different Assistance Levels In The 3rd Sanitary Area Of Asturias, Spain/J.M. Garcia-Garcia, et al.**
- **Transmission Of Childhood TB: Risk Factors Associated w/Unidentified Index Case & Outbreak Evolution In Barcelona (1987-2007)/J.L. Nelson, et al.**
- **TB Among Children Younger Than 5 Years Old/A. Antunes, et al.**
- **Investigation Of Molecular Fingerprinting Of M. tb Isolates In New Cases Of TB Using Mycobacterial Interspersed Repetitive Unit Variable Number Tandem Repeat Genotyping (MIRU-VNTR) In Greece/N. Rovina, et al.**
- **TB Deaths In Hospitalized Patients From 1999-2008/N.A. Bogdanovic, et al.**
- **TB, Ethnicity & Socio Economic Deprivation/A. Ponnuswamy, et al.**
- **LTBI Among Healthcare Workers In A High TB Prevalence County Of Taiwan/H. Chang, et al.**
- **Prevalence And Incidence Of LTBI Among HCV-Infected Drug Users With The QFTGold/A.M. Welter, et al.**
- **The Role Of Ethnicity In The TB Risk Assessment In Patients With Rheumatic Diseases Commencing Anti-TNF-Alpha Treatment: A Regional Survey/E. Karampini, et al.**
- **A Review Of The Use Of The T.SPOT.TB Test. Experience From A UK Hospital/A. Sarwar, at al.**
- **IGRAs w/Diagnosis Of LTBI In Arthritis Pts Treated w/Tumor Necrosis Factor Antagonists in Korea/B.S. Chang, et al.**
- **Use Of The IGRA Test To Confirm LTBI In TBN-Positive Immigrants: Experience At A CN Pul. Clinic/H. Chawla, et al.**
- **Quantiferon In Practice - Experience From A Canadian Centre/M. Povitz, et al.**
- **IGRA For Pediatric TB: Does It Impact Diagnostic And Treatment Decisions?/D.I. Ling, et al.**
- **TBN Skin Test Positivity Among Patients With Rheumatologic Diseases: Experienced With 609 Patients/I. Hanta, et al.**
- **TB Screening: Lessons From Screening A Call Centre. Is The Tuberculin Skin Testing Sensitive Enough?/H. Bakere, et al.**
- **QFT Vs. TST In Diagnosis Of LTBI In Patients Treated By Oral Glucocorticosteroids/K. Kruczak, et al.**
- **Treatment Acceptance & Completion Rates For LTBI After Implementation Of QFT-TB-Gold, NY City/J. Kessler, et al.**
- **Evolution Of TB/HIV Co-Infection In California During The HAART Era, 1996-2007/J. Metcalfe, et al.**
- **What % Of People Acquire TB Via Recent Transmission Versus Reactivation In Leicestershire (UK)?/J. Malkin, et al.**
- **Whole Genome & Network-Based Epi Investigation Of A TB Outbreak/J.C. Johnston, et al.**
- **TB In Prison System - Survey In 2 Prisons In State Of Sao Paulo, Brazil, 2008/P.A. Nogueira, et al.**
- **Tuberculin Reactivity In Inmates Of Two Prisons in State Of Sao Paulo, Brazil, 2008/P.A. Nogueira, et al.**
- **Indeterminate & Positivity Rates Of The T-SPOT TB Test In At-Risk Individuals Screened For TB Infection/J. Matsubara.**

Tuesday: 8:15- 4:00 pm: Thematic Poster Session: **Unusual Lung and Chest Infections: Horses, Zebras and Unicorns:** Facilitators: J. A. Gold, MD; T. R. Aksamit, MD; L. E. Meinke, MD; A. Cattamanchi, MD. Authors present: 10:45-12:30. 27 posters. **Morial CC Area C Hall G.**

Tuesday: 8:15 am – 4:00 pm: Thematic Poster Session: **Bacterial Pneumonia Treatment:** Facilitators: M. I. Restrepo; S. Sethi, MD; T. E. West. Authors at posters 10:45 am – 12:30 pm. 18 posters. **Morial CC Area C Hall G**

Tuesday: 8:15 am – 10:45 am: Mini-Symposium: **New Discoveries in Mechanisms of Lung Disease: Late Breaking Abstracts:** Chairing: B. Camoretti-Mercado, PhD; H. Koziel, MD; B. Y. Besecker, MD. 10 Presentations including: 10: 30 am: **RelMtb Is Required For M. tb Persistence And Granuloma-Related Pathology In The Guinea Pig Model/L.G. Klinkenberg, Morial CC Rm 386-7.**

Tuesday, May 18: 11:30 am-1:00 pm: **2009 ATS PRESIDENT'S LECTURE AND ATS MEMBERSHIP MEETING.** (Registration is required but do not need to be an ATS member.) **Chairing:** JR Curtis, MD, MPH.

2010 PRESIDENT'S LECTURE: Peter Pronovost, MD, PhD.

President's Remarks: JR Curtis, MD, MPH, Seattle Washington.

Installation of New ATS President: JR Curtis, MD, MPH, Seattle Washington.

Incoming Presidential Remarks: DE Schraunagel, MD, Chicago, IL.

Nominating Committee Report: C.M. Doerschuk, MD, Cleveland, OH.

Tuesday, May 18: 12:00- 1:30 PM. Clinical Workshop: **Non-TB Mycobacterial Lung Infections: Problems & Solutions.**

Chairing: KN Olivier, MD, MPH; AE O'Donnell, MD. (Pre-registration required) **Morial CC Rm356**

12:00 pm **Case Based Discussion: Should All Patients with NTM be Treated?** TR Aksamit, MD.

12:20 pm **MAC Lung Disease: Routine and Salvage Therapies;** KN. Olivier, MD.

12:40 pm **Rapid Grower Mycobacterium: Which Therapies?** DE Griffith, MD,.

1:00 pm **Surgery for NTM Lung Disease: Who? When? Where?** J.D. Mitchell, MD.

1:15pm **Panel Discussion:** A.E. O'Donnell, MD.

Tuesday: 12:00-1:00 pm Meet Prof. Seminar: **MDR- and XDR-TB in the US:** JE Stout, MD. (Pre-registration is required) **Morial CC Rm 349**

Tuesday: 1:30 – 4:00 pm Scientific Symposia: **Severe Community Acquired Pneumonia: Definition, Genetics, Treatment:** Chairing: NC Dean, MD; GW Waterer, PhD, MBBS. Seven oral presentations. **Morial CC Rm243-5**

Tuesday: 1:30 – 4:00 pm **Poster Discussion Session: HIV Associated Lung Disease: Including Pneumocystis:** Chairing: JM Beck, MD; SC Flores, PhD; R. Miller, MD. Poster viewing: 1:30 pm. Discussion: 2:30 – 4:00 pm. There are 28 posters. **Morial CC Rm255-57**

Tuesday: 1:30 – 4:00 pm Mini Symposia: **Acute Pneumonia: Novel Host Defense Mechanisms with Therapeutic Implications;** Chairing: JP Mizgerd, ScD, Boston, MA; MA Olszewski, PhD, Ann Arbor, MI; SE Evans, MD, Houston, TX. Ten oral presentations. **Morial Rm 252-4**

Wednesday: 8:15- 10:45 am: Scientific Symposium: **ATS/IDSA/CDC Statement on Diagnostic Standards for TB Disease and LTBI: Chairing:** D Lewinsohn; M Leonard, MD; PA LoBue, MD. **Morial CC Rm295-6.**

8:15 am **Introduction/Overview of Statement Development Process:** PA LoBue, MD.
8:40 am **Tuberculosis Disease: Clinical and Radiological Evaluation:** M Leonard, MD.
9:05 am **Tuberculosis Disease: Microbiological Evaluation:** M Salfinger, MD.
9:30 am **Latent Tuberculosis Infection.** D Lewinsohn, MD.
9:55 am **Special Considerations in Pediatric Tuberculosis:** D Lewinsohn, MD.
10:20 am **Special Research Questions in Tuberculosis Diagnosis:** R. O'Brien, MD.

Wednesday: 8:15 – 10:45 am: **Mini Symposia: Applying Epidemiological Findings to Improve Tuberculosis Control:**
Chairing: DE Griffith, MD; K Cain, MD. **Morial CC 286-7**

8:15 am **Risk Of TB In People On Renal Replacement Therapy: National Cohort Study/G.B. Marks, et al.**
8:30 am **Risk Of TB Among People With Diabetes: A National Cohort Study/G.B. Marks, et al.**
8:45 am **A Population Based Study Of TB Recurrence: Relapse Versus Reinfection/A. Moniruzzaman, et al.**
9:00 am **Women Are At Increased Risk For XDR-TB In KwaZulu-Natal, South Africa/M.R. O'Donnell, et al.**
9:15 am **Risk Factors For Default, Failure, And Death in Patients On Supervised TB Treatment/R.A. Accinelli, et al.**
9:30 am **Predictors Of Death Among Patients Who Completed TB Treatment/J.Millet, et al.**
9:45 am **Prevention Of TB In Older, Foreign-Born Residents Of US/A.L. Davidow, et al.**
10:00 am **Preventable TB Cases Arising From Contacts To Pulmonary TB In New York City/H. Anger, et al.**
10:15 am **Upper Room Ultraviolet Germicidal Irradiation Air Disinfection in An MDR-TB Ward In Sub-Saharan Africa-Effects Of Humidity/A.Dharmadhikari, et al.**
10:30 am **Pediatric TB In Houston/Harris County Combining Traditional Epi W/Molecular & Geographic Case Mapping/M.L. Feske,**

Wednesday: 8:15- 10:45 am: **Poster Discussion: TB Treatment & Outcomes: Animal & Human Studies:** Chairing: C Fiske, MD; JM Keane, MD; EL Nuremberger, MD. Discussion 9:15 – 10:45 am. **Morial CC 291-2 .**

- **PZA's Contribution To Combination RX Of Murine TB Does Not Come From Immunomodulatory Activity/D. Almeida, et al.**
- **Failure Of Daily Treatment For TB With RIF, INH, And PZA In Immune-Deficient Mice/M. Zhang, et al.**
- **Sterilization Of TB Infection In Immune-Deficient Mice Treated With Rifapentine , INH, And PZA (Z)/J.H. Grosset, e al.**
- **Is The Guinea Pig Model A Necessary Step In Preclinical TB Drug Testing?/P.C. Karakousis, et al.**
- **Continuation Of PZA Beyond First 2 Months Improves The Efficacy Of 2nd-Line Regimens In Mouse Model Of TB/Z. Ahmad, et al.**
- **Association Between LTA, IL1B, IL10, IL4 &VDR Polymorphisms & Sputum Conversion Time & Response To TB Treatment/C.A. Taype, et al.**
- **A Chemical Genetics Approach To Identify Essential Functions In Non-Replicating M. tb/S.S. Grant, et al.**
- **Case Report: Septic Shock Due To M. tb/L. Lee, et al.**
- **Case Report: Tuberculous Sternal Osteomyelitis And Alcoholism/T.M. Vago, et al.**
- **Case Report: Right Destroyed Lung In A Nigerian Woman With Complicated TB Simulating Situs Inversus/B.O. Adefuye, et al.**
- **Case Report: Paradoxical Response To TB Therapy, As An Expression Of Immune Reconstitution Syndrome, In A Patient Receiving Influximab/G. Tatsis, et al.**
- **Clinical Characteristic And Outcomes Of Patients With TB Admitted To The Medical Intensive Care Unit/C.E. Kummerfeldt, et al.**
- **Clinical Manifestations Of Pulmonary TB In Low Incidence Counties In North Carolina/L. Guderian, et al.**
- **A Systematic Review On Risk Factors Of Mortality Among TB Patients/A. Moniruzzaman, et al..**
- **Mortality Among Patients With TB Requiring Intensive Care/D.R. Silva, et al.**
- **EMITTER 2.0: Feasibility Of A Microchip-Based System For Electronically Observed Tuberculosis Therapy/R. Belknap, et al.**
- **Pulmonary Function Impairment In Tuberculous Sequelae/S.Y. Kyung, et al.**
- **Cigarette Smoke Impairs Macrophage Immune Responses To Mycobacterial Infection/R.N. Van Zyl-Smit, et al.**
- **Impact Of Bacterial Genetics On The Clinical Characteristics & Outcomes Of INH Mono-Resistant M. tb/R.B. Dantes, et al.**
- **Five Year Study Of DST Pattern Of M. Tb Isolates From Patients Of Category-II Failure Of Pulmonary TB Under DOTS/S.C. Anand, et al.**
- **Treatment Outcomes At 24 Months For XDR TB And Without HIV Co-Infection/M.R. O'Donnell, et al.**
- **Evaluation Of Aerosolized Gentamicin Sulfate In A Murine Model Of TB/S. Sivasubramani, et al.**

Wednesday: 8:15- 10:45 am: Poster Discussion: **Community Acquired Pneumonia: Controversies in Management;** Chairing: NC Dean, MD; GW Waterer MD, MBBS; RG Wunderlink, MD. Poster viewing 8:15 am. Discussion 9:15 – 10:45 am. 26 posters. **Morial CC Rm 293-4.**

Wednesday: 8:15 am – 4:00 pm: Thematic Poster Session: **Pneumonia Bench to Bedside;** Facilitators: J. M. Keane, MD; N. R. Patel, MD; S. E. Evans, MD; C. Steele, PhD; M. Wu, PhD. Authors at posters from 10:45 am – 12:30 pm. There are 33 posters. **Morial CC Area A Hall G**

Wednesday: 1:30 – 3:45 pm Scientific Symposium: **Global Migration and Respiratory Disease:** Chairing: MB Shenker, MD, F Holguin, MD, MPH. **Morial CC Rm238-9.**

1:30 pm **Introduction:** MB Shenker, MD, MPH.
1:40 pm **Migration and Viral Diseases:** G. Dominguez-Cherit, MD.
2:05 pm **Immigration and Tuberculosis Risk:** PC Hopewell.
2:30 pm **Migration and Asthma:** F Holguin, MD, MPH.
2:55 pm **Cigarette Smoking and Migration:** MB Schenker, MD, MPH.
3:20 pm **Migration and Occupational Lung Disease:** R Perez-Padilla, MD.
3:45 pm **Summary:** JN Anto, MD, PhD.

AMERICAN THORACIC SOCIETY 2010 INTERNATIONAL CONFERENCE
New Orleans, Louisiana - May 14-19, 2010
POST GRADUATE COURSES

Friday 8:00 AM-4:30 PM: Challenges and Opportunities for TB Control: Chairing: PA LoBue, MD; SR Mase, MD, MPH; K. Ijaz, MD. Preregistration and fee required. **Morial CC Rm392.**

8:00 am **Introduction:** PA LoBue, MD.

8:05 am **TB Epidemiology Update: The Emerging Threat of MDR/XDR TB:** S. Shaw, MD,

8:35 am **Diagnostic Challenges for Latent TB Infection: The Advent of IGRAs:** GH Mazurek, MD.

9:05 am **Use of PCR-Based Rapid Tests for ID of M.tb and Detection of Drug Resistance:** M. Salfinger, MD.

9:35 am **Interpretation of Discrepant Laboratory Drug Susceptibility Results:** E. Desmond, PhD.

10:05 am Break

10:20 am **The Use of Intermittent Treatment Regimens in HIV:** DA Benator, MD.

10:50 am **Screening for TB in Recent Immigrants:** J. Flood, MD, MPH.

11:20 am **Standardized Versus Individualized Treatment Regimens for MDR TB:** JA Caminero, MD.

11:50 am **Treatment and Management of MDR TB Contacts:** SR Mase, MD.

12:20 pm Lunch

1:20 pm **Surgery for DR TB:** MD Iseman, MD.

1:50 pm **Treatment of LTBI: What's New:** TR Sterling, MD.

2:20 pm Break

2:30 pm **The Use of Directly Observed Therapy: Universal Versus Selective:** CD Ho, MD, MPH.

3:00 pm **New Drugs in the Pipeline for Treatment of TB:** AA Vernon, MD, Atlanta, GA.

3:30 pm **When All Else Fails: Legal Interventions for Non-Adherent MDR TB Patients:** D. Ashkin, MD.

Friday: 8:00 AM-4:30 PM: Host Defense Mechanisms in Pulmonary Infections: Chairing: CH Mody, MD; JM Beck, MD; JK Kolls, MD. Preregistration required. **Morial CC Rm394**

8:00 am **Development of Cell-Mediated Immunity in the Lung:** GB Toews, MD.

8:30 am **Development of Antibody-Mediated Immunity in the Lung:** JA Wilder, PhD.

9:00 am **Alveolar Macrophages in Innate and Acquired Immunity:** HL Twigg, III, MD.

9:30 am **Alveolar Epithelium in Host Defense:** R. Paine, III, MD.

10:00 am Break

10:30 am **Dendritic Cell Participation in Pulmonary Host Defense:** A. Ray, PhD.

11:00 am **Neutrophils in Pulmonary Immunity and Host defense to Bacteria:** JP Mizgerd, ScD.

11:30 am **Immunity Against Tuberculosis:** J Flynn.

12:00 pm Lunch

1:00 pm **Pulmonary Immunity Against Viruses:** RS Peebles, Jr, MD.

1:30 pm **Pulmonary Defense Against Fungi:** CH Mody, MD.

2:00 pm **Pulmonary Host Defense During HIV Infection:** JM Beck, MD.

2:30 pm Break

3:00 pm **Pulmonary Host Defense Against Infections in Transplant Recipients:** DS Wilkes, MD.

3:30 pm **Exploring Lung Mucosal Immunity to Prevent or Treat Pulmonary Infections:** JK Kolls, MD.

Saturday: 8:00 AM-4:30 PM: Challenges In Management of Pulmonary Infections: Chairing: GW Waaterer, PhD; ML Metersky, MD. Preregistration required. **Morial CC Rm395**

8:00 am **Pretest**

8:15 am **MDR and XDR TB:** CL Daley, MD.

8:40 am **Pulmonary NTM Disease: What, When and How to Treat:** R. Thompson, MD.

9:05 am **Angioinvasive Fungal Disease:** CA Hage, MD.

9:30 am **What is New in Pulmonary Infections and HIV?** KA. Crothers, MD.

9:55 am Break

10:10 am **What is the Start of the Art in Bronchiectasis?** C Feldman, MD.

10:35 am **MRSA in HAP and CAP:** CM Luna, MD.

11:00 am **HCAP: Is it Important to Differentiate?** MI Restrepo, MD.

11:25 am **Biomarkers and What Should We be Using?** A Tores, MD.

11:50 am Lunch

1:00 pm **New Diagnostic Tools in Patients with Pneumonia:** GW Waaterer, PhD, MBBS.

1:25 pm **Reducing the Long Term Consequences of Pneumonia:** EM Mortensen, MD.

1:50 pm **Optimal Therapy of Severe CAP:** J Rello, MD.

2:15 pm **Measuring the Quality of Care in Patients with Pneumonia:** ML Metersky, MD.

2:40 pm Break

2:55 pm **Predicting Patients with CAP Who Need Specialist Medical Care:** NC Dean, MD.

3:20 pm **New Therapies in Pneumonia: What is On the Horizon?** RG Wunderlink.

3:45 pm **Post-Test.**
