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## MICROBIOLOGY, TUBERCULOSIS, AND PULMONARY INFECTIONS

### ASSEMBLY NEWSLETTER

EDITED BY LAURENCE HUANG, MD

SPRING 2011



## Message from the Assembly Chair

Laurence Huang, MD

As Chair of the Microbiology, Tuberculosis, and Pulmonary Infections (MTPI) Assembly, I first want to acknowledge the many individuals who devote their time and effort into making our assembly one of the most active and productive assemblies of the ATS. It has been an honor and a privilege to work with these dedicated and talented individuals for the past year. Our statements and guidelines are highly cited and have helped to establish and to improve practice in the diagnosis and treatment of bacterial, mycobacterial, and fungal infections as well as hospital-acquired and ventilator-associated pneumonias. Our sessions at the ATS continue to be outstanding – both scientifically and clinically – and offer an unparalleled opportunity for attendees to learn about the latest advances in our field. Finally, our offerings on the website attract among the highest numbers of “hits” and increase the visibility of our assembly and the ATS throughout the entire medical community and beyond!

I want to thank the members of the MTPI Executive Committee for their leadership of our assembly and its committees, their passion for the MTPI and its mission, and their wisdom in guiding me. David Lewinsohn has chaired our Planning Committee for the past 2 years, and he has presided over an important transition for the ATS as the ATS (and all professional medical societies) navigated through the development of new policies regarding potential conflicts of interest (COI) with regards to leadership of and participation in official ATS documents. He and the Planning Committee also worked at a time when ATS finances precluded the funding of new projects, a period that has ended as the ATS has funded new assembly projects for FY2011. Carol Hamilton has chaired our Program Committee this year and concludes her 2-year leadership term on the committee. Kristina Crothers has been Chair-Elect of the Program Committee and will preside over the Program Committee for the 2012 ATS. Carol, Kristina, and their Program Committee have deftly handled the increased numbers of abstracts resulting from the acceptance of case report submissions and late-breaker abstracts. All who attend the 2011 ATS benefit from their hard work, advocacy for our assembly, and ingenuity in maximizing MTPI’s Scientific Symposia, Mini-Symposia, Poster Discussion and Thematic Poster Sessions, Meet the Professor and Sunrise Seminars, and Postgraduate

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### Officers of the Assembly on MTPI

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## Message from the Assembly Chair

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Courses. Many readers may be unaware that the number of these sessions allotted to each assembly depends on the number of members in each assembly and the number of abstracts submitted. Given our assembly's relatively small numbers but diverse clinical interests and scientific breadth, it is an annual challenge to craft a program that represents the latest in our field, across our wide clinical and scientific spectrum. Chuck Daley has Chaired the Nominating Committee this year and, as former MTPI Assembly Chair, served as an invaluable resource to me. He and the Nominating Committee have provided an excellent slate of candidates for MTPI leadership positions (please note that we will have online voting this year). Chad Steele has served as our Web Master and concludes his extended term this year. Chad has worked tirelessly to represent our assembly's web activities and to recruit individuals to submit clinical cases for the ATS website. Phil LoBue has served as the representative from the CDC, a critical position given our assembly's close working relationship with the CDC on many levels, including co-leadership of several of our guidelines and statements. The ATS benefits from the incredible work of its staff. In particular, Miriam Rodriguez, ATS Director of Assembly Programs and my direct contact, is – simply put – the BEST. Everything that our assembly does is a result of Miriam's hard work and good humor.

In closing, I strongly encourage all MTPI members to take an active role in our assembly: Recruit new members to our assembly; submit abstracts and case reports to ATS 2012, and plan to attend the ATS; volunteer to serve on our committees; develop new assembly projects and suggest Scientific Symposia, Postgraduate Courses, Meet the Professor and Sunrise Seminars for 2012; and develop new web content and submit your best clinical cases to the website. I hope to see you all in Denver and at our annual Assembly Meeting on Monday, May 16<sup>th</sup>.

## Planning Committee Report

**David Lewinsohn, M.D., Ph.D., Chair**

The purpose of the MTPI planning committee is to develop, consider, and oversee projects to be sponsored by the ATS. The MTPI assembly has a strong tradition of creating high-impact statements, and we congratulate Andy Limper and his colleagues (An Official American Thoracic Society Statement: Treatment of Fungal Infections in Adult Pulmonary and Critical Care Patients *Am. J. Respir. Crit. Care Med.*, Jan 2011; 183: 96 – 128) for their outstanding work.

The committee met in person in New Orleans in May, 2010, and met electronically to consider this year's project requests. For 2011, two new applications, and five renewals were received and evaluated. These projects along with the committee's evaluations were then sent to the Program Review Subcommittee for final approval.

### **Approved projects include:**

Targeted Testing and Treatment of Latent TB Infection, Update (NEW)  
Statement, Chair Carol Hamilton, M.D., M.H.S.

The committee will meet for the first time in Denver (May 2011). Estimated completion: 2013

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## Planning Committee Report

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### Update of ATS/IDSA Guidelines for the Management of Adults with Hospital Acquired, Ventilator-Associated and Healthcare-Associated Pneumonia (NEW)

Statement, Chairs Mark Metersky, MD (ATS) and Andre Kalil, MD (IDSA)

Estimated completion: 2013

As was discussed at the assembly meeting in New Orleans, new ethics and conflict of interest policies of both the ATS as well as IDSA required a careful evaluation of the leadership of this vitally important statement. Within the ATS, applications for leadership were solicited, and evaluated by the planning committee, and careful COI review provided by Shane McDermott. Recognizing the importance of this endeavor, Dean Schraufnagel worked closely with IDSA, allowing for the selection of Mark Metersky (ATS) and Andre Kalil (IDSA) as the co-chairs. The membership of this committee is being selected, and it is anticipated that the writing committee will meet in Denver.

### Emerging Issues and Current Controversies in HIV associated Pulmonary Diseases (RENEWAL)

Workshop Proceedings, Chair Alison Morris, M.D., M.S.

Alison Morris, Kristina Crothers, James M. Beck, and Laurence Huang on behalf of the American Thoracic Society Committee on HIV Pulmonary Disease. An Official ATS Workshop Report: Emerging Issues and Current Controversies in HIV-Associated Pulmonary Diseases. Proceedings of the American Thoracic Society 2011;8:17-26.

### Diagnostic Standards and Classification of Tuberculosis in Adults and Children (RENEWAL)

Statement, Chairs David Lewinsohn, M.D., Ph.D. (ATS), Phil LoBue, M.D. (CDC), and Michael Leonard, M.D. (IDSA)

Estimated completion: 2011-2012

The committee has completed their work on GRADE-based recommendations, and the statement will undergo review and publication in Clinical Infectious Disease during the next year.

### Infections in Patients Receiving TNF-alpha Antagonists (RENEWAL)

Statement, Chair Charles Daley, M.D.

Estimated completion: 2011

Literature review has been completed, and formulation of GRADE-based recommendations in process.

### Management of Bronchiectasis (RENEWAL)

Statement, Chair Charles Daley, M.D.

Estimated completion: 2011

Literature review has been completed, and formulation of GRADE-based recommendations in process.

Finally, I would like to thank each of the committee members for their tireless work during the past year. The committee members were: Laurence Huang, Charles Daley, Henry Koziel, Andrew H. Limper, Joseph Mizgerd, Alison Morris, Mary Reichler, Luca Richeldi, Max Salfinger, Chad Steele, Timothy Sterling, Richard Wunderink, and Carol Hamilton.

## **Program Committee Report**

**Carol Hamilton, M.D., Chair**

**Kristina Crothers, M.D., Chair-Elect**

News from MTPI ICC Program Committee, Denver 2011

The second of two face-to-face International Conference Committee planning committee meetings took place on December 17, where Carol Hamilton, Chair of the Program Committee, and Kristina Crothers, Chair-elect, represented MTPI with a goal to organize and program submitted abstracts into interesting and dynamic presentations. The scientific abstracts were programmed into 4 Mini Symposia (some with “featured speakers”), 6 Poster Discussions, and 12 Thematic Poster sessions. A major emphasis this year, as in the past 1-2 years, is that the thematic poster sessions will have teams of 2-4 facilitators going to each poster, so that poster presenters have increased interaction with facilitators to discuss their findings. For Thematic Poster and Poster Discussion sessions, experienced facilitators have been paired with more junior facilitators where possible to provide junior members the opportunity for greater involvement and to learn from more senior mentors. The mycobacteria and non-mycobacteria content is fairly even, although the content division overall is driven by the number and quality of abstracts submitted in each area. In addition to the scientific abstract sessions, MTPI will have 5 major Scientific Symposia, 3 Meet the Professor Seminars, 3 Sunrise Seminars, and one workshop. MTPI is also co-sponsoring a number of other sessions with other assemblies. Overall, it looks like a very exciting program for 2011, with a number of important clinical trials results expected as well as outstanding basic and clinical/epidemiologic study results.

Lastly, we would like to acknowledge and thank each of the committee members for their tireless work during the past year. The committee members were: MIRIAM: Can you add these names in for me?

See you all in Denver May 2011! - Carol Hamilton and Kristina Crothers


MTPI members who are interested in participating on the program committee or in the 2012 or 2013 ATS International Conference should contact Kristina Crothers at: [kcrothers@medicine.washington.edu](mailto:kcrothers@medicine.washington.edu).

## **Update from Web Director**

**Chad Steele, Ph.D.**


The first part of 2010 brought major changes to the ATS website in the form of major revamping of content and design. Among many changes were a scrolling “What’s New” section on the ATS facepage as well as significant changes in the ATS International Conference website (<http://conference.thoracic.org/>). The online submission system for AJRCCM, AJRCMB, and PATS is scheduled to be redesigned in the future, one of the changes being that online forms will be able to be completed online. There are also plans to establish a section for Q&A for clinical cases and sleep fragments so viewers can ask the authors a question online and receiving a response by e-mail. An additional highlight is the development of a new section of the website entitled "Lung Disease Week at the ATS" (<http://patients.thoracic.org/lung-disease-week/index.php>). This is a patient section that will be updated throughout 2011 and will serve as a resource area for information on various lung diseases. Content will include such areas as general disease information, Information for Patients, Information for Experts and various webcasts and webinars.

MTPI members who are interested in participating in website-based activities – especially the publication of “ATS Clinical Cases” (<http://www.thoracic.org/clinical/ats-clinical-cases/index.php>) should contact Chad Steele, Ph.D. at: [chadsteele@uab.edu](mailto:chadsteele@uab.edu).



MICROBIOLOGY, TUBERCULOSIS,  
AND PULMONARY INFECTIONS  
ASSEMBLY MEMBERSHIP MEETING

MONDAY MAY 16TH 5:00PM-7:00PM  
EMBASSY SUITES SECOND FLOOR  
CRIPPLE CREEK BALLROOM  
SALON 1



MICROBIOLOGY, TUBERCULOSIS,  
AND PULMONARY INFECTIONS  
ASSEMBLY DINNER

MONDAY MAY 16TH 7:00PM-10:00PM  
EMBASSY SUITES SECOND FLOOR  
CRIPPLE CREEK BALLROOM  
SALONS 2



**Please join us for  
the Third Annual ATS Foundation Research Dinner  
on Saturday, May 14, 7:00 pm, at the Hyatt Regency Denver.**

This year's exciting dinner includes a video paying tribute to the Colorado scientists and clinicians whose groundbreaking discoveries and revolutionary treatments have shaped how pulmonary medicine is practiced today. The evening also honors Louis S. Libby, MD, executive vice president and chief medical officer of The Oregon Clinic, and this year's recipient of the "Breathing for Life" award. The dinner also features entertainment.

For the foreseeable future, the continuation of unrestricted and research partner grants will depend largely on the Foundation's ability to raise funds from ATS members like you. Our dinner goal in 2011 is to raise \$200,000 for two unrestricted research grants. Please help us achieve that goal by joining us in Denver. To register, please use this link: <https://www.xpressreg.net/register/thor051/foundation/start.asp>. Or, you may also visit the Foundation Web site: <http://foundation.thoracic.org>. For more information, contact Lydia Neumann: [Lneumann@thoracic.org](mailto:Lneumann@thoracic.org).



***The American Journal of Respiratory Cell and Molecular Biology* has  
become an electronic-only publication and will no longer appear in print.**

The ATS came to this decision as part of its efforts to extend the reach of the *AJRCMB*, take advantage of opportunities for the use of four-color and creative presentation and become more electronically interactive and environmentally responsible. This change, the ATS believes, can also enhance the journal's national and international exposure.

Becoming an electronic-only journal does not change anything related to article submissions or reviews. All editorial policies, processes and content remains unchanged.

The March 2011 issue of the *AJRCMB* is now posted online at <http://ajrcmb.atsjournals.org>. Subsequent issues of the journal will be posted by the beginning of each month and can be found at this same address.

You may also choose to have an electronic table of contents emailed to you each month. To sign up, please visit [www.thoracic.org/journals/index.php](http://www.thoracic.org/journals/index.php) and click on "e-TOC" under the journal.

## ATS 2011—DENVER

### Sessions Sponsored by the Assembly on Microbiology, Tuberculosis, and Pulmonary Infections

Session Code	Session Title	Sess Time Begin	Sess Time End
<b>Scientific Symposium</b>			
<b>Sunday, May 15, 2011</b>			
A10	CLINICAL IMPLICATIONS AND MANAGEMENT OF MULTI-DRUG RESISTANT PATHOGENS	8:15 AM	10:45 AM
<b>Monday, May 16, 2011</b>			
B90	TUBERCULOSIS AND TOBACCO: NEW ADVANCES FROM BENCH TO BEDSIDE IN IMMUNOL-	2:00 PM	4:30 PM
B9	WHAT'S NEW IN LATENT TUBERCULOSIS INFECTION TREATMENT?	8:15 AM	10:45 AM
<b>Tuesday, May 17, 2011</b>			
C87	THE ENVIRONMENT AND THE HOST: CROSSROADS OF NONTUBERCULOUS MYCOBACTERIA	2:00 PM	4:30 PM
<b>Wednesday, May 18, 2011</b>			
D7	CUTTING-EDGE TECHNOLOGY FOR DIAGNOSIS AND MANAGEMENT OF PNEUMONIA	8:15 AM	10:45 AM
<b>Meet The Professor Seminars</b>			
<b>Sunday, May 15, 2011</b>			
MP411	CONTROVERSIES IN THE MANAGEMENT OF COMMUNITY ACQUIRED PNEUMONIA	12:00 PM	1:00 PM
<b>Monday, May 16, 2011</b>			
MP513	CLINICAL AND RESEARCH OPPORTUNITIES IN AFRICA	12:00 PM	1:00 PM
<b>Tuesday, May 17, 2011</b>			
MP610	CONTROVERSIES IN THE MANAGEMENT OF HEALTHCARE ASSOCIATED AND HOSPITAL AC-	12:00 PM	1:00 PM
<b>Sunrise Seminar</b>			
<b>Monday, May 16, 2011</b>			
SS110	MULTIDRUG- AND EXTENSIVELY DRUG-RESISTANT TUBERCULOSIS: IMPLICATIONS FOR	7:00 AM	8:00 AM
<b>Tuesday, May 17, 2011</b>			
SS209	THE BURDEN OF LUNG DISEASE IN LOW AND LOWER-MIDDLE INCOME COUNTRIES	7:00 AM	8:00 AM
<b>Wednesday, May 18, 2011</b>			
SS310	FLUOROQUINOLONE USE IN THE DEVELOPING WORLD: IMPLICATIONS FOR TB CONTROL	7:00 AM	8:00 AM
<b>Workshop</b>			
<b>Tuesday, May 17, 2011</b>			
WS6	MYCOBACTERIAL AND FUNGAL DIAGNOSTICS	11:30 AM	1:00 PM
<b>Mini-Symposium</b>			
<b>Monday, May 16, 2011</b>			
B14	NOVEL TREATMENTS FOR LUNG INFECTIONS: MODULATING IMMUNE RESPONSES	8:15 AM	10:45 AM
<b>Tuesday, May 17, 2011</b>			
C94	DETECTING AND PREVENTING TUBERCULOSIS AND DRUG-RESISTANT TUBERCULOSIS: REAL	2:00 PM	4:30 PM
C16	NEW TUBERCULOSIS TREATMENT OPTIONS FOR ACTIVE AND LATENT DISEASE	8:15 AM	10:45 AM
<b>Wednesday, May 18, 2011</b>			
D94	BACTERIAL PNEUMONIA: NEW INSIGHTS INTO EFFECTIVE HOST DEFENSE	2:00 PM	4:30 PM

## ATS 2011—DENVER

### Sessions Sponsored by the Assembly on MTPI

Session Code	Session Title	Sess Time Begin	Sess Time End
<b>Poster Discussion Session</b>			
<b>Sunday, May 15, 2011</b>			
A27	DIAGNOSIS OF ACTIVE AND LATENT TUBERCULOSIS: NOVEL AND IMPROVED TECHNIQUES	8:15 AM	10:45 AM
A105	NONTUBERCULOUS MYCOBACTERIA: PATHOPHYSIOLOGY TO TREATMENT	2:00 PM	4:30 PM
<b>Monday, May 16, 2011</b>			
B107	BACTERIAL PNEUMONIA: BIOMARKERS, RESISTANT PATHOGENS AND OUTCOMES	2:00 PM	4:30 PM
<b>Tuesday, May 17, 2011</b>			
C24	PNEUMOCYSTIS AND OTHER FUNGAL PNEUMONIAS: PATHOGENESIS AND CLINICAL CONSEQUENCES	8:15 AM	10:45 AM
<b>Wednesday, May 18, 2011</b>			
D24	LUNG INFECTIONS: CASES FROM THE CLINIC	8:15 AM	10:45 AM
D105	LUNG COMPLICATIONS OF CHRONIC HIV INFECTION: PREVALENCE, PATHOGENESIS, AND PHYSIOLOGY	2:00 PM	4:30 PM
<b>Thematic Poster Sessions</b>			
<b>Sunday, May 15, 2011</b>			
A53	HOST DEFENSE MECHANISMS AGAINST BACTERIAL RESPIRATORY INFECTIONS	8:15 AM	4:30 PM
A54	HOST DEFENSE MECHANISMS AGAINST VIRAL RESPIRATORY INFECTIONS	8:15 AM	4:30 PM
A55	MULTI-DRUG RESISTANCE AND EXTENSIVELY DRUG-RESISTANT TUBERCULOSIS	8:15 AM	4:30 PM
A56	EPIDEMIOLOGY OF TUBERCULOSIS	8:15 AM	4:30 PM
<b>Monday, May 16, 2011</b>			
B56	NONTUBERCULOUS MYCOBACTERIA: EPIDEMIOLOGY AND DIAGNOSTICS	8:15 AM	4:30 PM
B57	TUBERCULOSIS AND NONTUBERCULOUS MYCOBACTERIA: HOST DEFENSE AND PATHOPHYSIOLOGY	8:15 AM	4:30 PM
B58	NEW DRUGS FOR BAD BUGS: SUSCEPTIBILITY AND MECHANISMS OF ACTION	8:15 AM	4:30 PM
<b>Tuesday, May 17, 2011</b>			
C55	RISK FACTORS, PROGNOSIS, AND MANAGEMENT OF BACTERIAL PNEUMONIA	8:15 AM	4:30 PM
C56	BENCH TO BEDSIDE ADVANCES IN BRONCHIECTASIS	8:15 AM	4:30 PM
C57	DIAGNOSTICS AND BIOMARKERS FOR LATENT AND ACTIVE TUBERCULOSIS	8:15 AM	4:30 PM
C58	MANAGEMENT OF ACTIVE AND LATENT TUBERCULOSIS	8:15 AM	4:30 PM
C59	H1N1 INFLUENZA AND OTHER VIRAL INFECTIONS: CLINICAL MANIFESTATIONS, DIAGNOSIS AND OUTCOMES	8:15 AM	4:30 PM
<b>Postgraduate Course</b>			
<b>Saturday, May 14, 2011</b>			
PG24	LUNG INNATE IMMUNITY: AT THE FRONTLINES OF HOST DEFENSE	8:00 AM	4:00 PM

### Submit an Assembly/Committee Project Application for funding in FY2012!

We are happy to announce that ATS will once again accept NEW Assembly/Committee Projects for FY2012. All interested applicants should begin developing their ideas for Assembly/Committee Project Applications. Applications will be available on the ATS website at [www.thoracic.org](http://www.thoracic.org) beginning in June. Please consider submitting an application for an Assembly/Committee project. If you have a suggestion for a project application and you need assistance, please contact your Assembly Planning Committee Chair Henry Koziel, MD at [hkoziel@bidmc.harvard.edu](mailto:hkoziel@bidmc.harvard.edu). Please contact Miriam Rodriguez with any questions at tel: 212/315-8639 or email: [mrodriguez@thoracic.org](mailto:mrodriguez@thoracic.org).