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PULMONARY • CRITICAL CARE • SLEEP

ALLERGY IMMUNOLOGY AND INFLAMMATION ASSEMBLY NEWSLETTER

EDITED BY SERPIL ERZURUM, MD

SPRING 2011



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Message from the Assembly Chairman Serpil Erzurum, MD

It is a great pleasure to provide you with the many accomplishments of our Assembly over the past year and our upcoming plans for the ATS international conference. AII Assembly is the third largest in ATS with nearly 3000 members. Our committees include Asthma Advisory Committee, International Committee, Website Committee, Nominating Committee, Planning Committee and its subcommittee of Membership, Program Committee. The Section on Genetics and Genomics in AII continues to grow and has nearly 350 members, comprised of members from every assembly with the greatest numbers from AII, Critical Care, Respiratory Cell & Molecular Biology and Clinical Problems Assemblies. This has been a very productive year for our Assembly members. Thank you to all who contributed their time to make these activities possible, and especially thank you to our talented and dedicated AII Chairs of Committees.

AII was able to support new and ongoing assembly projects as noted in the Project Committee report by Dr Monick. We are grateful to the Foundation for Sarcoidosis Research, ATS Corporate Member Program and ATS PAR Members for providing Travel Award funding. The AII Program Committee selected awardees based on the abstracts submitted to the international meeting. We also received funding from the International Lung Health Committee to provide International Travel Trainee Awards (ITTA) to 3 junior international members based on abstracts submitted to the international meeting. The awards will be presented at the AII dinner meeting on Monday evening in Denver. Details about the dinner this year are provided by Dr Parsons in the Membership report. AII places high value on career development of young members through many activities, including active solicitation of junior members for Poster and Session chairing, networking at the Assembly Dinner and annual Assembly Membership meeting, and appointment to AII committees.

In partnership with The American Thoracic Society Public Advisory Roundtable [ATS PAR], our assembly helped to launch the new Web-based information series on respiratory disease. "Asthma and Allergy Week at the ATS" was the first week of the 14 week series, and provided online education resources

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Message from the Assembly Chairman

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for patients and healthcare professionals. In addition to educational materials, the Web site for “Asthma and Allergy Week at the ATS” includes asthma assessment and control tools, information about policy issues and a clinical trials locator. The Web site can be found at <http://patients.thoracic.org/lung-disease-week/asthma-and-allergy>.

There were a record numbers of ATS abstracts this year, 869 total! Our Program committee, headed by Dr Sterk, received a large number of these abstract submissions, including late breaking abstracts. As in prior years, AII members continue to lead in numbers of abstracts submitted to the International Conference. The Program Committee has planned an exciting line up of poster sessions and presentations for the ATS international conference. I hope you are planning to attend and that you will attend the ATS Foundation dinner on Saturday evening for more information and dinner registration go to the ATS website at: <http://foundation.thoracic.org/> Please encourage your junior colleagues and trainees to join and come to the dinner with you.

We hope that you will also include the AII Assembly Membership Meeting on your ATS agenda. The Membership Meeting will be held at the Embassy Suites Hotel on the second floor – Silverton Ballroom Salon 3. We will present updates on activities in AII and ATS and announce the results of elections for AII leadership positions. Fellows and Junior Professionals are invited to attend the Assembly Membership meeting and to arrive early. Assembly leadership will be there to welcome you at 4:30 pm (30 minutes before the start of the official meeting) and introduce you to the Assembly. Following the meeting, please join us at the AII Dinner meeting to see friends, interact with colleagues and enjoy our guest speaker, Dr Henry Claman. New members are always welcome, so please come by to see what is happening and to get involved in AII. We all look forward to see you in Denver!

Nominating Committee Report

John Mastronarde, MD, *Nominating Committee Chair*

The AII Nominating Committee Members this year were Gregory Downey, and Rebecca Shilling. The charge to the committee was to select candidates for the AII available leadership positions. The committee was grateful for the enthusiasm of the many talented individuals willing to serve and give freely of their time to enhance the work of the AII Assembly.

Following consideration of a proposed succession plan to enhance seamless transition and further deliberation, the following were chosen as candidates:

Program Committee Chair-Elect

Nizar Jarjour, MD

John Mastronarde, MD

Nominating Committee Members

Prescott Woodruff, MD

John Hollingsworth, MD

Esteban Buchard, MD

The final votes will be held online this year for the first time. We encourage as many members as possible to vote. Your participation is important, and is what makes the AII Assembly outstanding.

Planning Committee Report

Martha Monick, PhD, *Planning Committee Chair*

The AII Planning Committee is charged with developing long range plans for the Assembly and serving as an “executive body” to the Assembly chair and Assembly members. The 2010-11 AII Planning Committee included Martha Monick, Chair, Jonathan Parsons, John Mastronarde, Gustavo Matute-Bello, Bruce Levy, Margaret Gyetco, Mark Wewers, Beth Besecker, Angela Rogers, Eugene Blecker, Benjamin Suratt and Megan Ballinger. The AII Membership Committee under the leadership of Jonathan Parsons is under the umbrella of the Planning Committee. Their very productive year is described in another article in this newsletter. The primary responsibility of the AII Planning Committee is to review and prioritize Assembly Projects. Organization for that job was begun during a meeting at the 2010 ATS meeting in New Orleans. Evaluation of 2011 ATS Projects was accomplished during a conference call in July. As a committee, we reviewed eight projects. Four have been accepted for funding by ATS. The projects, headed by Sally Wenzel, Jonathan Parsons, Raed Dweik and Wayne Mitzner are further described elsewhere in this newsletter. There has been ongoing discussion through this year on ways to aid submissions of new AII projects. Discussion has begun on establishing Focus groups within AII to facilitate project development in areas that complement our strength in asthma research. Possible topics for the focus groups include COPD, ILD, acute lung injury, and transplant. If you are interested in contributing to the dialogue or in being a member of a focus group, please come to this year’s AII meeting. If you are interested in becoming more involved in your Assembly and want to serve on the AII Planning Committee, feel free to email me, martha-monick@uiowa.edu and you will be considered as openings occur. There will also be a sign up sheet at this years meeting for people interested in serving on the Planning Committee. As chairman, it has been a joy to work with ATS in funding worthy projects that are of interest to all of us involved in ATS.

Project Report

Martha Monick, PhD, *Planning Committee Chair*

2011 AII Project Report

ATS Project support provides working funds for groups to publish new guidelines, develop meetings, create review articles and design educational programs. In the coming year, ATS will fund 41 of the 54 New/Renewal projects submitted for FY2011. The work of the ATS Assemblies and Committees is critical to the success, growth and mission of ATS and project support is an integral part of the Assembly mandate. As a part of the project process, the AII Planning Committee reviewed eight projects this last fall. Of these four were approved. We are pleased to announce that the projects listed below will be funded in the upcoming year.

Sponsored by AII:

1. FY2011 American Thoracic Society (ATS) Assembly Renewal Project titled: International ERS/ATS Consensus on Definition, Evaluation, Mechanisms and Research into Severe Asthma.
Chaired by Sally Wenzel with K.Fan Chung, Mario Castro, Peter Sterk and others.
2. FY2011 American Thoracic Society (ATS) Assembly Renewal Project application titled: Management of Exercise-Induced Bronchospasm: An ATS Clinical Practice Guideline.
Chaired by Jonathan Parsons with John Mastronarde, Teal Hallstrand, William Storms, James Hull, Kenneth Rundell, Sandra Anderson and John Weiler.

Sponsored by AII and Respiratory Structure Function Assembly

3. FY 2011 American Thoracic Society (ATS) Assembly Project application titled: Guidelines for

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Project Report

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proper quantification of structural changes in mouse models of COPD.

Chaired by Wayne Mitzner and Mathias Ochs.

Sponsored by AII and Assemblies of Pulmonary Circulation, Clinical Problems and Pediatrics

4. FY 2011 American Thoracic Society (ATS) Assembly Project application titled: Pulmonary Hypertension Phenotypes. Chaired by Raed Dweik with Sharon Rounds, John Newman, Serpil Erzurum and others.

The ATS Documents Development and Implementation Committee will hold a meeting/workshop for all project chairs at the upcoming meeting in Denver. The meeting will provide key information about document development from leading experts in the field, and key document personnel within the Society. AII is pleased to be a part of these important projects.

Program Committee Report

Peter Sterk, MD, Program Committee Chair

The organization of the annual ATS International Conference represents the coordinated efforts of hundreds of ATS members and staff, and the ATS assemblies play a critical role in the process. The 2010 International Conference Committee is chaired by Marc Moss, M.D. (University of Colorado, Denver) and the members include the chair and chair elect of each of the 13 ATS assemblies. While the conference committee coordinates and finalizes the program for the International conference, the program committees of the individual assemblies do the majority of the programming work. Each assembly is provided with a portion of the slots for scientific symposia, mini symposia, meet the professor, sunrise symposia, poster discussion sessions, thematic posters, based on a number of factors, including size of the assembly membership, and historical precedent for the number of abstracts submitted to individual assemblies. Our assembly is among the largest in the ATS and consistently submits a large number of abstracts. Therefore, the AII Assembly is responsible for programming a relatively large share of the conference, and this responsibility is delegated to the AII Program Committee.

The AII Program Committee has 38 members, who have given their input and effort in planning the 2011 Denver meeting. It all started in May 2010, where ideas for symposia were raised and discussed during a face to face meeting. At the subsequent open call for symposia in June, we received 63 proposals in total for scientific symposia, meet the professor seminars, sunrise seminars and workshops. These were ranked after reviewing and scoring by the committee members. In addition, the 4 applications for postgraduate courses were scored and ranked by the ATS Education Committee. The number of slots for AII symposia is determined by past numbers of submitted abstracts, which means that AII has a very prominent position in the meeting. This has resulted in the following:

Postgraduate courses: Biomarkers in asthma and COPD, Novel genetic and genomic approaches in respiratory diseases, Asthma and allergic diseases: state of the art in biology and therapeutic targets.

Scientific symposia: Phenotyping obstructive airway disease, Sensors, danger signals, peptides and cell suicide, Standardized asthma outcomes in clinical research, Beyond genome-wide association stud-

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Program Committee Report

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ies, Mars Venus and disparities in lung diseases, Putting the breaks on Th17-mediated inflammation, and COPD in non-smokers.

In addition, our assembly is involved in symposia on: Clinical implications and management of multi-drug resistant pathogens, Prenatal exposures and predisposition to adult lung diseases, Bioengineering for lung diseases, Racial disparities in pulmonary and critical care, The role of airway smooth muscle in the origin and persistence of asthma, Obesity: implications for clinical practice, Management of sarcoidosis, Mechanisms and advances in therapy of COPD, What goes wrong in IPF?

During the past fall the Program Committee faced 869 abstracts submitted to AII, which is 5% more than last year. Hence, the recent changes in abstract categories and the various possibilities of navigating to AII during abstract submission have worked out well. All abstracts were reviewed and scored by multiple committee members, which showed that the average quality of the abstracts was really high. Based on the topics of interest and the ranking of the abstracts, the committee has programmed 7 Minisymposia, 8 Poster Discussions, and 25 Thematic Poster sessions. The topics include the following:

Minisymposia: Exacerbations of asthma and COPD, Pathogens in acute lung injury, Phenotypic fingerprints of (severe asthma), Insights into the pathogenesis of lung fibrosis and granulomas, Biomarkers in the clinic: from imaging to molecular profiling, Insights into the pathogenesis of lung allograft dysfunction, and Micro-RNA and epigenetic regulation of lung disorders.

Poster discussions: Innate immunity, Endotoxin-induced acute lung injury, Mechanisms of airway hyperresponsiveness in asthma, Asthma genetics, Mechanisms and models of COPD, Neutrophil studies in asthma and COPD, New targets for asthma therapy, and Pathogens in airway disease.

We are now heading for the Late Breaking Abstracts. Even though the acceptance rate of these will only be around 50%, those accepted will be launched into prominent sessions during the meeting.

Our proposals for AII symposia and abstract sessions were all presented to the overall International Conference Committee (ICC), chaired by Marc Moss and perfectly guided by Francine Comi and Nancy Guerrero. The ICC has an extraordinary collaborative spirit. Based on solid experience, the slots of the symposia are projected into the 4 days of the meeting in a blinded fashion during a face to face meeting. After filling the whole program, the blinded days are disclosed, which means that symposia have an equal chance of getting on the Sunday and the Wednesday. The ICC promotes exchange and mutual involvement of the different assemblies in various sessions. This has led to several collaborative initiatives, thereby selecting the best quality and preventing disturbing overlap of topics. We hope that you will recognize this during the Denver meeting.

We hope that this update will raise your interest in contributing to the AII program. Be sure to come to the AII Assembly meeting at ATS on Monday, May 17 at 4:30 PM, to learn more, including the process for participation in Program Committee. We like new young basic and clinical scientists to enter the AII Program Committee. Hence, contact the new incoming chair, Beth Moore (bmoore@med.umich.edu) with your ideas and comments!

Web Editor Report

Jennifer McCallister, MD, AII Web Director

There have been many improvements to the ATS and AII website in the past year. We had over 40,000 visits to AII websites this past year. We hope that you will take advantage of the information and tools available.

ATS Clinical Cases:

Submit a case! The American Thoracic Society features ATS Clinical Cases, a monthly series devoted to interactive clinical case presentations on all aspects of pulmonary, critical care and sleep medicine. The cases are designed to provide education to practitioners, faculty, fellows, residents, and medical students. We especially hope to encourage participation and contribution of cases by pulmonary and critical care fellows, junior faculty, practitioners, and medical residents. Individuals can submit interesting cases to me at Jennifer.Mccallister@osumc.edu. Guidelines for case submission can be found at <http://www.thoracic.org/clinical/ats-clinical-cases/guidelines-for-ats-clinical-cases-submission.php>

ATS Virtual Asthma Center:

We continue to add great content to the ATS Virtual Asthma Center! This site had over 13,000 visits in the last year. Valuable asthma content including cases, guidelines, and specific resources for patients, clinicians, and researchers continue to be added and are available at <http://www.thoracic.org/clinical/asthma-center/index.php>

ATS Asthma Center Journal Club:

We would love to revive the Virtual Asthma Center Journal Club! The goal of this journal club is to present constructive, systematic peer-reviewed critiques of important articles relevant to the pathogenesis, diagnosis, or treatment of asthma. If you are interested in helping to restart this online forum, please email me at Jennifer.McCallister@osumc.edu.

Membership Committee Report

Jonathan Parsons, MD, Membership Committee Chair

Join AII!

I would like to encourage all AII members to invite ATS members who may not be AII members to join AII! AII is one the largest and scientifically diverse assemblies within the ATS. When inviting other ATS members, it may be helpful to explain that the purpose of an assembly is to improve the collection, interpretation, and dissemination of information, improve communication among the members, and participate in the planning of the International Conference. Participation in the Assembly structure also provides essential networking opportunities, particularly for young faculty and those in-training, as well as information on how to apply for ATS-sponsored research grants and how to get involved in the various committees that comprise the ATS government. It really is a great way to get involved!

The AII assembly membership meeting will take place **Monday, May 16th from 5:00 to 7:00 pm in Embassy Suites Silverton Ballroom Salon 3**. There will be **30 minute, informal, “pre-meeting” session starting at 4:30 for junior professionals** that want to learn more about AII and how they can get involved.

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Membership Committee Report

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AII Dinner

We would also like to invite you to attend our annual membership dinner on Monday, May 16th during the 2011 ATS International Conference in Denver, CO. **Immediately following our assembly meeting at 7:00 PM, a buffet-style dinner will take place in Embassy Suites Silverton Ballroom Salon 1 & 2.** There is a cost of \$20 for this year's dinner, which can be paid ahead of time by registering on the ATS website under Assemblies. We encourage senior members of AII to invite trainees and younger members and cover their dinner charge. The programming for the evening will consist of AII Trainee Travel Awards presentation and the featured lecturer, Dr. Henry Claman, MD, who is Distinguished Professor at the University Of Colorado School Of Medicine and serves as Associate Director of the Arts and Humanities in Health Care Program. Dr Claman gives unique presentations that incorporate the arts and humanities with medicine. He is a very entertaining speaker and it will be a night you will not want to miss. This is also a wonderful opportunity to introduce young members and trainees to AII, to connect with old friends, and to set up new interactions and collaborations.

ATS Assembly voting now Online!

This year, for the first time, members of the AII assembly will vote for future assembly leaders online, instead of in-person at assembly membership meetings during the ATS International Conference. Voting will open on April 1, 2011, on the ATS Web site at www.thoracic.org/assemblies/index.php. From this page, members can access candidates' bio-sketches and photos, as well as job descriptions for all available positions. Voting will close on April 30, 2011. Winners will be announced at the assembly business meeting.

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 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 Martha M. Monick at martha-monick@uiowa.edu

Please contact Miriam Rodriguez with any questions at tel: 212/315-8639 or email: mrodriguez@thoracic.org.




ALLERGY IMMUNOLOGY AND INFLAMMATION
ASSEMBLY MEMBERSHIP MEETING

MONDAY MAY 16TH 5:00PM-7:00PM
EMBASSY SUITES SECOND FLOOR
SILVERTON BALLROOM
SALON 3



ALLERGY IMMUNOLOGY AND INFLAMMATION
ASSEMBLY DINNER


MONDAY MAY 16TH 7:00-10:00PM
EMBASSY SUITES SECOND FLOOR
SILVERTON BALLROOM
SALONS 1 & 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.



***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 and click on "e-TOC" under the journal.

ATS 2011—DENVER

Sessions Sponsored by the Assembly on Allergy Immunology and Inflammation

Session Code	Session Title	Sess Time Begin	Sess Time End
Scientific Symposium			
Sunday, May 15, 2011			
A5	PHENOTYPING OF OBSTRUCTIVE AIRWAY DISEASE: WILL IT IMPROVE DIAGNOSIS AND PERSONALIZE TREATMENT?	8:15 AM	10:45 AM
A11	STATE OF SCIENTIFIC RESEARCH IN COLORADO	8:15 AM	10:45 AM
A86	SENSORS, DANGER SIGNALS, PEPTIDES AND CELL SUICIDE: NEW CONCEPTS OF HOST INFECTION CONTROL	2:00 PM	4:30 PM
Monday, May 16, 2011			
B5	NHLBI AND NIAID RECOMMENDATIONS FOR STANDARDIZED ASTHMA OUTCOMES IN CLINICAL RESEARCH	8:15 AM	10:45 AM
B86	THE HUMAN MICROBIOME AND DEVELOPMENT OF ASTHMA AND ALLERGY	2:00 PM	4:30 PM
Tuesday, May 17, 2011			
C12	BEYOND GENOME-WIDE ASSOCIATION STUDIES: GENOMIC AND EPIGENETIC APPROACHES TO UNDERSTANDING LUNG DISEASES	8:15 AM	10:35 AM
C90	MARS, VENUS, AND DISPARITIES IN LUNG DISEASES	2:00 PM	4:30 PM
Wednesday, May 18, 2011			
D11	PUTTING THE BRAKES ON TH17-MEDIATED INFLAMMATION IN THE LUNG	8:15 AM	10:45 AM
D85	COPD IN NON-SMOKERS: THE FORGOTTEN EPIDEMIC	2:00 PM	4:30 PM
Meet The Professor Seminars			
Sunday, May 15, 2011			
MP401	BETA AGONISTS IN ASTHMA: OPTIMIZING PATIENT SELECTION AND RISK-BENEFIT	12:00 PM	1:00 PM
MP402	PULMONARY DISEASE AND PRIMARY IMMUNODEFICIENCY	12:00 PM	1:00 PM
Monday, May 16, 2011			
MP501	IL-13 AIRWAY HYPERRESPONSIVENESS AND CORTISONE RESISTANT ASTHMA	12:00 PM	1:00 PM
Tuesday, May 17, 2011			
MP601	USE AND VALUE OF GENOMICS RESEARCH AT THE BEDSIDE: A PRIMER FOR THE PRACTITIONER	12:00 PM	1:00 PM
Sunrise Seminar			
Monday, May 16, 2011			
SS101	ANALYSIS OF NEXT GENERATION SEQUENCING DATA FOR SMALL RNA SPECIES	7:00 AM	8:00 AM
SS102	WHAT'S NEW WITH ASTHMA IN PREGNANCY?	7:00 AM	8:00 AM
Tuesday, May 17, 2011			
SS201	DANGER SIGNAL REGULATION OF LUNG INFLAMMATION	7:00 AM	8:00 AM
Wednesday, May 18, 2011			
SS301	TH-WHAT? IMMUNOLOGY FOR TRANSPLANT RESEARCHERS	7:00 AM	8:00 AM
Workshop			
Monday, May 16, 2011			
WS4	UNDERSTANDING AND MANAGING EXERCISE-INDUCED BRONCHOCONSTRICTION	11:30 AM	1:00 PM

ATS 2011—DENVER

Sessions Sponsored by the Assembly on Allergy Immunology and Inflammation

Session Code	Session Title	Sess Time Begin	Sess Time End
Mini-Symposium			
Sunday, May 15, 2011			
A13	MI-RNA AND EPIGENETIC REGULATION OF LUNG DISORDERS	8:15 AM	10:45 AM
A93	EXACERBATIONS IN ASTHMA AND COPD: FROM CLINIC TO MECHANISMS	2:00 PM	4:30 PM
Monday, May 16, 2011			
B92	PHENOTYPIC FINGERPRINTS OF (SEVERE) ASTHMA	2:00 PM	4:30 PM
Tuesday, May 17, 2011			
C13	PATHOGENESIS OF ACUTE LUNG INJURY	8:15 AM	10:45 AM
C92	INSIGHTS INTO THE PATHOGENESIS OF LUNG ALLOGRAFT DYSFUNCTION	2:00 PM	4:30 PM
Wednesday, May 18, 2011			
D13	BIOMARKERS IN THE CLINIC: FROM IMAGING TO MOLECULAR PROFILING	8:15 AM	10:45 AM
D14	INSIGHTS INTO PATHOGENESIS OF LUNG FIBROSIS AND GRANULOMAS	8:15 AM	10:45 AM
Poster Discussion Session			
Sunday, May 15, 2011			
A21	INNATE IMMUNITY	8:15 AM	10:45 AM
A22	ENDOTOXIN-INDUCED ACUTE LUNG INJURY	8:15 AM	10:45 AM
A101	MECHANISMS AND MODELS OF COPD	2:00 PM	4:30 PM
Monday, May 16, 2011			
B21	NEUTROPHIL STUDIES IN ASTHMA AND COPD	8:15 AM	10:45 AM
B22	MECHANISMS OF AIRWAY HYPERRESPONSIVENESS IN ASTHMA	8:15 AM	10:45 AM
Tuesday, May 17, 2011			
C21	NEW TARGETS FOR ASTHMA THERAPY	8:15 AM	10:45 AM
Wednesday, May 18, 2011			
D101	ASTHMA GENETICS	2:00 PM	4:30 PM
D102	PATHOGENS IN AIRWAY DISEASE	2:00 PM	4:30 PM
Postgraduate Course			
Friday, May 13, 2011			
PG1	BIOMARKERS IN ASTHMA AND COPD	8:00 AM	4:00 PM
PG2	NOVEL GENETIC AND GENOMIC APPROACHES IN RESPIRATORY DISEASES	8:00 AM	4:00 PM
Saturday, May 14, 2011			
PG16	ASTHMA AND ALLERGIC DISEASES: STATE OF THE ART IN BIOLOGY AND THERAPEUTIC TARGETS	8:00 AM	4:00 PM

ATS 2011—DENVER

Sessions Sponsored by the Assembly on Allergy Immunology and Inflammation

Session Code	Session Title	Sess Time Begin	Sess Time End
<i>Thematic Poster Sessions</i>			
Sunday, May 15, 2011			
A31	OPTIMIZING THERAPEUTIC STRATEGIES IN AIRWAYS DISEASE	8:15 AM	4:30 PM
A32	HUMAN AND ANIMAL STUDIES OF CHRONIC DISEASES THAT AFFECT THE LUNG	8:15 AM	4:30 PM
A33	GENETIC AND EPIGENETIC REGULATION OF LUNG DISEASE	8:15 AM	4:30 PM
A34	MANAGEMENT OF ASTHMA, RHINITIS, AND SINUSITIS	8:15 AM	4:30 PM
A35	LESSONS IN LUNG INFECTIONS	8:15 AM	4:30 PM
A36	EARLY EXPOSURES AND ENVIRONMENTAL EXPOSURES THAT INFLUENCE ALLERGY AND LUNG DISEASE	8:15 AM	4:30 PM
Monday, May 16, 2011			
B31	COMPLICATING INFECTIONS: INFLUENZA AND RHINOVIRUS	8:15 AM	4:30 PM
B32	ALLERGIC INFLAMMATION: MECHANISMS	8:15 AM	4:30 PM
B33	OXIDANTS, OXIDASES AND REDOX REGULATION OF LUNG DISEASE	8:15 AM	4:30 PM
B34	EPITHELIAL CELL ACTIVITY	8:15 AM	4:30 PM
B35	MUCOSAL IMMUNOLOGY AND INFLAMMATION	8:15 AM	4:30 PM
B36	AIRWAY IMMUNE MECHANISMS AND INFLAMMATION: ANIMAL MODELS	8:15 AM	4:30 PM
B37	LUNG INJURY LESSONS AND BIOMARKERS FROM EXPOSURES TO TRANSPLANT	8:15 AM	4:30 PM
Tuesday, May 17, 2011			
C31	INTERLEUKIN-33 BIOLOGY	8:15 AM	4:30 PM
C32	STUDIES OF LUNG FIBROSIS, COPD AND AIRWAY REMODELING	8:15 AM	4:30 PM
C33	CLINICAL PROFILES AND SEVERITY OF ASTHMA	8:15 AM	4:30 PM
C34	NEUTROPHILS, MAST CELLS, BASOPHILS AND EOSINOPHILS IN LUNG DISEASE	8:15 AM	4:30 PM
C35	INSIGHTS INTO LUNG DISEASE USING NOVEL METHODS	8:15 AM	4:30 PM
C36	CRITICAL PATHWAYS IN ALLERGIC INFLAMMATION	8:15 AM	4:30 PM
C37	EXERCISE, AEROSOLS AND AIRWAY DYNAMICS	8:15 AM	4:30 PM
C38	AIRWAY INFLAMMATION: FROM MECHANISMS TO NON-INVASIVE BIOMARKERS	8:15 AM	4:30 PM
C39	NOVEL THERAPEUTIC OPTIONS IN AIRWAYS DISEASE	8:15 AM	4:30 PM
C40	HYPERSENSITIVITY PNEUMONITIS, SARCOID AND GRANULOMA MODELS	8:15 AM	4:30 PM
C41	INNATE IMMUNITY	8:15 AM	4:30 PM
C42	CASES IN ALLERGY, IMMUNOLOGY, INFECTION AND INFLAMMATION	8:15 AM	4:30 PM