

Allergy, Immunology & Inflammation Assembly Newsletter

Edited by David S. Wilkes, MD, Assembly Chair



Message from the Assembly on AII Chair

David S. Wilkes, MD

Greetings:

I hope everyone has had a great start to the new year. I am writing to update the Assembly on our recent. It has been a busy year with many activities and accomplishments. We are looking forward to an exciting meeting at the International Conference in San Diego.

Assembly Projects

We are pleased to report that three assembly projects were approved for funding. These are led by Ashok Patel: "Web-portal Development for an evidence-based asthma practice (Best of Asthma on the Web)", Gus Matute-Bello: "Consensus Definition of Acute Lung Injury in Animals", and Sally Wenzel, Robin Taylor, and Helen Reddel: "Task Force to Provide recommendations on: "Asthma Control and Exacerbations: Standardiz-

ing Endpoints for Clinical Asthma Trials". Congratulations for developing these exciting projects. All of these will have great impact on the Assembly's members and will have wide appeal throughout ATS.

Travel Awards

The Assembly was fortunate to receive \$6,000 to support travel awards for the International Conference in San Diego. We are grateful to Sepracor and the Foundation for Sarcoidosis Research to provide this funding. Mario Castro and other members of the program committee have selected the awardees based on the abstracts submitted to the international conference. In addition to these awards we will also be able to provide 3 international travel awards, funded by the ATS. We anticipate being able to

provide 9 travel awards.

International Membership

The Assembly has been in contact with Drs. Yoshinosuke Fukuchi who is the Chair of the Asian Pacific Society of Respirology and Carlos Luna who is the President of the Latin American Thoracic Association. Drs. Fukuchi and Luna have pledged their support in our efforts to further expand international membership into our assembly.

International Conference – San Diego

The Assembly would like to thank the efforts of Julie Wilder in the development of the upcoming AII Assembly dinner in San Diego. This year Dr. Bruce Beutler from the Scripps Research Institute has accepted Julie's invitation to speak at the Assembly dinner. Dr. Beutler is one of the

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Spring 2006

OFFICERS OF THE AII ASSEMBLY

Assembly Chairman
2005-2007: David S. Wilkes, MD
dwilkes@iupui.edu

Planning Chairman
2004-2006: Bethany B. Moore, PhD
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2005-2006: Mario Castro, MD, MPH
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Program Chair-elect
2005-2006: Serpil C. Erzurum, MD
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2005-2006: Kenneth S. Knox, MD
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Message from the Assembly on AII Chair cont'd

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world's experts in the biology of tumor necrosis factor. This dinner promises to be outstanding.

Update on Committee Membership/Leadership

Serpil Ezurum is the incoming chair of the Program Committee for the Assembly, and John Mastronarde will be the chair of the Planning Committee. In addition, Dr. John Mastronarde will

also be Chair of the Nominating Committee and the members of this committee will be elected at the AII Membership meeting in San Diego.

We greatly appreciate input from our Assembly membership. Please contact us if you have any questions, and we are always looking for new participants in the committee membership.

I want to personally thank the AII committee chairs and members for their hard work and dedication over the last year and I look forward to another great year for the AII Assembly.

See you all in San Diego.

AII Program Committee

Mario Castro, MD, MPH, Program Chair

On behalf of the American Thoracic Society Assembly on Allergy, Immunology and Inflammation (AII), we would like to invite you to attend our fourth annual membership dinner on Monday, May 22nd during the 2006 ATS International Conference in San Diego, California.

The AII assembly membership meeting will take place first from 4:30 to 6:30 pm in the Randle A Ballroom (Fourth Level) at the

Manchester Grand Hyatt Hotel. Immediately following that meeting, the buffet-style dinner will take place in the Manchester Ballroom A (Level 2) at the Manchester Grand Hyatt Hotel.

The programming for the evening will consist of the presentation of the AII Trainee Travel Awards and an overview lecture by Dr. Bruce Beutler. He will be speaking to us on "Sensing Infection: TLRs and the Genetic Analysis of

the Immune Response." Dr. Beutler is a Professor in the Department of Immunology at the Scripps Research Institute in La Jolla, California. His work centers on identifying essential components of the mammalian innate immune response using genetic methodology. In 1998, Beutler and colleagues cloned the endotoxin-response gene, *Lps (Tlr4)* using a positional cloning strategy. This critical discovery high-

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Assembly on AII Members: Dinner Invitation cont'd

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lighted the important role of the mammalian Toll-like receptors, and led to our present understanding of how innate immune cells sense pathogens. Beutler and his colleagues continue using forward genetic methods to identify other genes required for pathogen resistance.

Merck & Co., Inc. has generously agreed to sponsor this event, and we are pleased to be able to offer this opportunity free of charge. It is our hope that this dinner will

provide an opportunity for AII members with similar clinical and scientific interests to have a chance to meet and mingle in an informal setting. In addition, we hope that the dinner setting will provide a conducive environment for the exchange of ideas and information and for the establishment of collaborative interactions.

We would like to strongly encourage senior AII members to invite junior colleagues to join them.

We hope to provide a chance for junior members to meet and network with more senior mentors. For this reason, AII members will be allowed to invite up to two guests. You must register attendance for yourself and your guest(s) at the time you make your reservations.

We hope you will join us for this informative and insightful evening. Seating will be limited to the first 150 persons who reply. To register for the dinner, please send an email to aii@thoracic.org.

ATS 2006 – SAN DIEGO Sessions Sponsored by the Assembly on Allergy, Immunology and Inflammation

POSTGRADUATE COURSES			
<u>Friday, May 19</u>			
PG1	Recent Advances In Biology And Therapeutic Targets Of Airway Inflammation	8:00 am	4:00 pm
<u>Saturday, May 20</u>			
PG14	Genetic Approaches In Respiratory Medicine	8:00 am	4:20 pm
SCIENTIFIC SYMPOSIA			
<u>Sunday, May 21</u>			
A76	Immunoregulation In The Respiratory Tract: Turning Off Immune Responses In Health And Disease	1:30 pm	4:15 pm
<u>Monday, May 22</u>			
B7	Genotypic And Phenotypic Predictors Of Response To Asthma Therapy: What Do NHLBI Clinical Research Studies Tell Us?	8:15 am	11:00 am
B76	Molecular Basis Of Acute Lung Injury	1:30 pm	4:15 pm
<u>Tuesday, May 23</u>			
C8	RNA Interference: An Emerging Therapeutic Modality	8:15 am	11:00 am
C75	Initiating Respiratory Immune Responses: Knowing When To Pull The Trigger	1:30 pm	4:15 pm
<u>Wednesday, May 24</u>			
D77	Mechanisms Of Treatment Heterogeneity In Asthma	1:30 pm	4:15 pm

ATS 2006 – SAN DIEGO

Sessions Sponsored by the Assembly on Allergy, Immunology and Inflammation cont'd

EVENING POST GRADUATE SEMINARS			
<u>Sunday, May 21</u>			
E4	The Immunologic Basis Of Asthma: Opportunity To Intervene And Modify Disease Progression	7:00 pm	9:00 pm
<u>Monday, May 22</u>			
E8	The Paradox Of Asthma Therapy: Why Symptom Control Hasn't Been Achieved Despite Guidelines?	7:00 pm	9:00 pm
<u>Tuesday, May 23</u>			
E14	Achieving Asthma Control Over Long Term Treatment With Safe Inhaled Corticosteroids (ICS)	7:00 pm	9:00 pm
SUNRISE SEMINARS			
<u>Monday, May 22</u>			
SS101	Recent Advances In The Treatment Of Childhood Asthma	7:00 am	8:00 am
<u>Tuesday, May 23</u>			
SS201	Refractory Asthma: What To Do In Clinic When Nothing Else Works	7:00 am	8:00 am
<u>Wednesday, May 24</u>			
SS301	Genetics And Genomics For The Pulmonary Physician	7:00 am	8:00 am
SS302	Mouse Models Of TH2 Lung Inflammation	7:00 am	8:00 am
MEET THE PROFESSOR SEMINARS			
<u>Sunday, May 21</u>			
MP401	NIH Funding, From K To R: The Insider View	12:00 pm	1:00 pm
MP402	Inflammometry? Practical Clinical Applications Of Exhaled Nitric Oxide Measurements	12:00 pm	1:00 pm
<u>Monday, May 22</u>			
MP501	Recent Advances In Childhood Asthma	12:00 pm	1:00 pm
<u>Tuesday, May 23</u>			
MP601	Viral Infections And Asthma: From Inception To Exacerbations	12:00 pm	1:00 pm
MINI SYMPOSIA			
<u>Sunday, May 21</u>			
A12	Latest Insights Into The Pathophysiology And Treatment Of Severe And Fatal Asthma	8:15 am	11:00 am
A82	Use Of Different Strategies And Therapies In Asthma Management	1:30 pm	4:15 pm
A83	Predictors And Modifiers Of Airway Disease Using Genetic Analysis	1:30 pm	4:15 pm
<u>Monday, May 22</u>			
B12	Biochemical Abnormalities In Airway Inflammation And Remodeling	8:15 am	11:00 am
B82	Innate Immunity To Pulmonary Pathogens	1:30 pm	4:15 pm

ATS 2006 – SAN DIEGO

Sessions Sponsored by the Assembly on Allergy, Immunology and Inflammation cont'd

MINI SYMPOSIA cont'd			
<u>Tuesday, May 23</u>			
C12	New And Old Players In Airway Inflammation To Target For Innovative Therapeutics	8:15 am	11:00 am
<u>Wednesday, May 24</u>			
D82	Transcription Factors In Asthma Immunology And Pathophysiology: Lessons From Humans And Animal Models	1:30 pm	4:15 pm
D83	Dendritic Cells In Pulmonary Immunoregulation	1:30 pm	4:15 pm
POSTER DISCUSSION SESSIONS			
<u>Sunday, May 21</u>			
A21	Airway Remodeling In Asthma And COPD	8:15 am	11:00 am
A22	Lung Injury And Inflammation	8:15 am	11:00 am
A91	Cellular And Noncellular Components To Fibrosis	1:30 pm	4:15 pm
A92	Regulation Of Inflammation In Airway Disease	1:30 pm	4:15 pm
<u>Monday, May 22</u>			
B21	Host Response To Infectious Agents: From Viruses To Atypical Bacteria	8:15 am	11:00 am
B22	Mechanisms Of Airway Inflammation: From Model Systems To Humans	8:15 am	11:00 am
B91	Biomarkers To Assess Airway Inflammation	1:30 pm	4:15 pm
<u>Wednesday, May 24</u>			
D21	Obesity And Asthma - Association Or Causation?	8:15 am	11:00 am
D22	New Insights Into The Effect Of Smoking In Asthma And COPD	8:15 am	11:00 am
D23	Granulomatous Inflammation: Mechanisms And Mediators	8:15 am	11:00 am
THEMATIC POSTER SESSIONS			
<u>Sunday, May 21</u>			
A101	Epithelium: Airway Inflammation	8:15 am	4:15 pm
A102	TH1 And TH2 Cytokines	8:15 am	4:15 pm
A103	Corticosteroids - New And Old	8:15 am	4:15 pm
A104	Short Acting Beta-Agonists	8:15 am	4:15 pm
A105	Long Acting Beta-Agonists	8:15 am	4:15 pm
A106	New Therapies For Asthma	8:15 am	4:15 pm
A107	Aerosol Therapies	8:15 am	4:15 pm
A108	Acute Management Of Asthma	8:15 am	4:15 pm
A109	Clinical Asthma	8:15 am	4:15 pm

ATS 2006 – SAN DIEGO

Sessions Sponsored by the Assembly on Allergy, Immunology and Inflammation cont'd

THEMATIC POSTER SESSIONS cont'd			
<u>Monday, May 22</u>			
B101	Innate Immune Responses: Molecular And Apoptotic Aspects	8:15 am	4:15 pm
B102	Inflammation/Lung Injury	8:15 am	4:15 pm
B103	Immunology/Inflammation: Animal Models	8:15 am	4:15 pm
B104	Genetics Of Asthma And Lung Diseases	8:15 am	4:15 pm
B105	Neutrophils Role In Lung Injury	8:15 am	4:15 pm
B106	Macrophages	8:15 am	4:15 pm
<u>Tuesday, May 23</u>			
C101	Rhinitis And Sinusitis	8:15 am	4:15 pm
C102	Allergic Mechanisms	8:15 am	4:15 pm
C103	Severe Asthma: A Different Phenotype?	8:15 am	4:15 pm
C104	Severe Asthma: Differential Response To Treatment?	8:15 am	4:15 pm
C105	Mechanism Of Lung Injury Post Transplantation	8:15 am	4:15 pm
C106	Chemokines In Lung Inflammation	8:15 am	4:15 pm
C107	Cytokine Receptor Signaling	8:15 am	4:15 pm
C108	Eosinophils	8:15 am	4:15 pm
C109	Mast Cells	8:15 am	4:15 pm
C110	Anti-Immunoglobulin E (Omalizumab) Therapy	8:15 am	4:15 pm
C111	Leukotriene Modifiers In Asthma	8:15 am	4:15 pm
C112	Side Effects From Therapeutic Agents Used In The Treatment Of Airway Diseases	8:15 am	4:15 pm
C113	Use Of Questionnaires In The Assessment Of Asthma	8:15 am	4:15 pm
C114	Allergic Bronchopulmonary Aspergillosis (ABPA)	8:15 am	4:15 pm
C115	Exercise-Induced Bronchospasm	8:15 am	4:15 pm
C116	Non-Invasive Assessment Of The Airway In Asthma	8:15 am	4:15 pm

Please Consider submitting an Assembly/Committee Project Application for Funding in FY2007!

For your information, the FY2007 (January 1-December 31, 2007) application forms for Assembly/Committee projects will be available on the ATS website in April 2006 at:

<http://www.thoracic.org/assemblies/projectform.asp>.

Please consider submitting an application for an Assembly/Committee project. If you

have an idea for a project application and you need assistance, please contact your Assembly Planning Committee chair

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Please Consider submitting an Assembly/Committee Project Application for Funding in FY2007! cont'd

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Bethany B. Moore at
bmoore@umich.edu.

The timeline for the application and review process follows:

April 2006: FY2007 forms are available.

July 25, 2006: Assembly/Committee project applications are due to the ATS office. Late submissions not be accepted.

Early-mid August 2006: abridged versions of the proposals will be posted on the ATS site and emails will be sent to ATS Leadership, Assembly Planning Committee Chairs, Assembly Chairs, ATS Committee Chairs, appropriate ATS staff and the PRS committee, to notify them that the current, un-reviewed proposals are available. This will give everyone an opportunity to touch

base with any of the applicants if they would like to get involved with a project before it goes to the PRS for review.

August-18, 2006: Assembly Planning Committees will meet via conference call to review appropriate proposals. Any proposal that has indicated on the form that a specific ATS committee may want to become involved will be sent to the ATS committee chair and to the appropriate staff member. Committees are encouraged to work with appropriate ATS staff and review any proposals and to send recommendations to the applicant and to the PRS.

September, 2006: Revised proposals and all reviews from Assemblies and Committees are due to ATS office. This includes any proposal that has revisions based

on a review by an Assembly Planning Committee or an ATS Committee.

Early October 2006: Program Review Sub-Committee (PRS) meeting.

Early November 2006: Program & Budget Committee (P&B) meeting. Recommendations from the PRS will be provided to the P&B Committee. At the discretion of the P&B Committee, specific projects will be added to the FY2007 budget as new items.

December 2006: ATS Board reviews FY 2007 Budget.

Please contact Elisha Malanga with any questions at tel: 212/315-8693 or email: emalanga@thoracic.org.

Patients to Speak at Sixteen Designated ATS International Conference Symposia

The ATS Public Advisory Roundtable (ATS PAR) has selected patients to provide a patient perspective at sixteen of the 2006 ATS International Conference Symposia. This concept has worked exceptionally well within the format of the PAR Symposia for the last four years and at over 25 ATS symposia at the 2004 and 2005 International Conferences. This is the third year that patient speakers will participate within the Assemblies' Symposia. The

patients will make a five-minute presentation at the symposia to offer insight into their personal journeys; to address their diagnosis, treatment, and how the disease has dramatically altered their lifestyles, family, career and relationships. They will share their insight into what patients would like physicians and researchers to know about physician/patient relationships; and the importance and relevance of

the work in which investigators and researchers are engaged.

The symposia at which a patient-perspective will be presented are listed below:

Patients to Speak at Sixteen Designated ATS International Conference Symposia

ASSEMBLY	SESSION	TITLE	DATE/TIME
AII	B7	Genotypic and Phenotypic Predictors of Response to Asthma Therapy: What do NHLBI Clinical Research	Monday, May 22 8:15-11:00 am
BS	A7	Respiratory Lung Health and the Family: The Influence of Family on Adherence, Disease Management, and Health Outcomes	Sunday, May 21 8:15-11:00 am
BS	D9	Community Involvement in Pulmonary and Critical Care Research: What, Why and How?	Wednesday, May 24 8:15-11:00 am
CP	A2	Novel Outcomes for Novel Therapies in COPD	Sunday, May 21
CP	D2	Update in the Diagnosis and Management of Pulmonary Vasculitis	Wednesday, May 24
CC	B74	Genetic Influences on the Susceptibility To and Outcome of Critical Illness	Monday, May 22
CC	C7	Clinical Studies in the Pediatric ICU: Update From the Pediatric Acute Lung Injury and Sepsis Investigator's (PALISI) Network	Tuesday, May 23 8:15-11:00 am
MTPI	C6	Diagnosis and Management of Nontuberculous Mycobacterial Infections – The New ATS Guidelines	Tuesday, May 23
NRSB	A8	Critical Care of the Geriatric Patient	Sunday, May 21
NRSB	B6	Biobehavioral Considerations in Prolonged Mechanical Ventilation	Monday, May 22
PED	A9	Primary Ciliary Dyskinesia: Not Just the Other Inherited Lung Disease	Sunday, May 21
PC	D75	Taking the Next Step, Improving Outcomes in Pulmonary Arterial Hypertension	Wednesday, May 24
RCMB	B77	Evolving Concepts of Stem Cells and Lung Repair	Monday, May 22
RCMB	D7	New Developments in the Genetics of Respiratory Disorders	Wednesday, May 24
RNS	D76	Sleep, Breathing and Metabolic Function	Wednesday, May 24
RSF	A79	Impact of Smoking on Lung Function: Therapeutic Implications and Biological Mechanisms	Sunday, May 21 1:30-4:15 pm

ATS Public Advisory Roundtable (PAR) Symposium and Poster Session

ATS PAR Symposium

The ATS Public Advisory Roundtable (PAR) is pleased to announce the fifth ATS PAR Sym-

posium to be presented at the ATS International Conference in San Diego on Monday, May 22nd from 8:15-11:00 a.m. The topic will be "COPD and Co-

morbidities: Treating the Whole Patient" chaired by Sharon I. S. Rounds, M.D and John W. Walsh.

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ATS Public Advisory Roundtable (PAR) Symposium and Poster Session cont'd

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The program includes the following:

- COPD As A Systemic Condition - S. I. S. Rounds, M.D., Providence, RI
- Panel: Experience of Patients With COPD And Co-Morbidities - J. W. Walsh, Miami, FL
- COPD and Cardiovascular Disease - D. D. Sin, M.D., Vancouver, BC, Canada
- Obesity, Wasting and BODE Index - B. R. Celli, M.D., Boston, MA
- Skeletal Muscle Function in COPD - P. D. Wagner, M.D., La Jolla, CA
- COPD and Endocrine Issues: Diabetes - E. N. Schachter, M.D., New York, NY
- Depression and Anxiety In COPD Patients - J.R. Curtis, M.D., M.P.H., Seattle, WA
- Session Summary - S. I. Rennard, M.D., Omaha, NE

ATS PAR Poster Session

The ATS PAR Annual Poster Session will be open from Sunday, May 21 until Wednesday, May 24, 2006 at the Center Terrace of the San Diego Convention Center. Public Interest Organizations (PIO's) concerned with lung and sleep disorders will present information about their organizations. A representative from each organization will be present at the poster session to provide additional information.

Documents Forum at 2006 International Conference

On Sunday, May 21 from 7-9 PM, the Documents Editor, Holger Schunemann, MD and Documents Staff Judy Corn will lead a forum on Official Documents: what they are, how they're developed, and how they're peer reviewed, approved and disseminated. New Board-approved policy guidelines for document development and their impact on the Society will also be addressed. All Assembly leadership, current writing committee members, as well as individuals interested in serving on writing committees in the future are urged to attend this informative session. Participants will receive a packet of highly cited ATS documents and procedural guidelines.

ATS Documents Forum
Sunday, May 21, from 7-9 PM
Randle Ballroom A/B
Manchester Grand Hyatt

ASSEMBLY ON ALLERGY, IMMUNOLOGY AND INFLAMMATION MEMBERSHIP MEETING

MONDAY MAY 22, 2006
4:30PM-6:30PM

MANCHESTER GRAND HYATT
RANDLE BALLROOM A
(LEVEL 4)

PLEASE REMEMBER TO REGISTER FOR THE AII ASSEMBLY MEMBERSHIP DINNER TO BE HELD ON MONDAY MAY 22ND AT 6:30PM. THE DINNER HAS BEEN MADE POSSIBLE BY A GENEROUS GRANT FROM MERCK & CO., INC. PLEASE GO TO [HTTP://WWW.THORACIC.ORG/SECTIONS/ABOUT-ATS/ASSEMBLIES/AII/NEWS/PAGES/ASSEMBLY-DINNER-AT-ATS-2006.HTML](http://www.thoracic.org/sections/about-ats/assemblies/aII/news/pages/assembly-dinner-at-ats-2006.html). TO DOWNLOAD A REGISTRATION FORM OR CONTACT AII@THORACIC.ORG WITH ANY QUESTIONS