

## Respiratory Cell and Molecular Biology Assembly Newsletter

reathe Edited by Zea Borok, Assembly Chair

SPRING 2009

### Officers of the Assembly on Respiratory Cell Molecular Biology

Assembly Chair 2007-2009: Zea Borok zborok@usc.edu

Planning Chair 2009-2010: Jesse Roman Rodriguez jroman@emory.edu

Program Chair 2008-2009: Charles A. Powell cap6@columbia.edu

Program Chair-elect 2008-2009: Thomas J. Mariani tom\_mariani@urmc.rochester.edu

Nominating Chair 2008-2009: V. Courtney Broaddus cbroaddus@medsfgh.ucsf.edu

Web Director 2007-2009: Angela Wang a1wang@mac.com

## INSIDE THIS ISSUE:

Program Committee Notes	2
RCMB Assembly Sessions	2-5
Planning Committee Report	5
Funded Projects	6
Project Application for funding	6
in FY2010	
Nominating Committee Report	6
Candidates for Office	6
Public Advisory Roundtable	7-8
Breathing Better with the ATS	8
Forum	
ATS Foundation	9
Fellows ATS Membership	9
RCMB Membership Meeting	9

## Message From the Assembly Chairperson Zea Borok, M.D.

The 2009 ATS International meeting in San Diego is rapidly approaching. Cap Powell and Tom Mariani have worked hard with the Program Committee to put together an outstanding program. An important aspect of programming this year has been the development of cross-Assembly Symposia with an emphasis on multidisciplinary programming in order to highlight the best science. As you may know, this year for the first time there will be no print version of Abstracts – abstracts will now be available on CD-Rom and on the ATS website. We hope that you are able to attend the many RCMB-sponsored sessions and welcome feedback for future improvements. It is not too early to start thinking about Symposia and project proposals for next ATS given the short timeline after San Diego for submission of these proposals. Suggestions in this regard should be forwarded to Tom Mariani, Chair-Elect of the Program committee.

Over the past year, under the leadership of Jesse Roman, the Planning Committee has developed 'working groups' in an attempt to foster interactions among members of RCMB. To date, working groups have been established in the areas of Lung Cancer, Stem Cells and Pulmonary Fibrosis. These groups were helpful in programming Symposia and postgraduate courses at the upcoming meeting and it is hoped that their efforts will continue to streamline programming. Two proposals submitted by the working groups were approved for funding by

ATS. Suggestions for additional working groups should be forwarded to Jesse. Areas for future working groups will be discussed at our annual membership meeting in San Diego.

The Second Annual Carol Basbaum Award will be presented this year to Eric White, Assistant Professor of Medicine at the University of Michigan. This award is given to a junior faculty investigator who has submitted an outstanding abstract to RCMB, in recognition of excellence in research that supports the mission of RCMB. In addition the recipient demonstrates enthusiasm, a passion for mentoring, leadership potential and dedication, reflecting the outstanding contributions in these areas of the late Dr. Basbaum.

Our annual membership meeting will take place at the International Conference from 4:30-6:30 pm at the Manchester Grand Hyatt Hotel, Elizabeth Ballroom G (2nd Level). Elections will be held for a number of leadership positions in the Assembly, including Assembly Chair for 2010-2012, Program Committee Chair, and two members for the nominating Committee. Under the leadership of Courtney Broaddus, a slate of excellent candidates has been put together. There will also be a call for nominations from the floor for the Nominating Committee. Your input is important so please try to attend the membership meeting. Recipients of Travel Awards and the Basbaum Award will be honored at this meeting.

(Continued on page 2)

## Message From the Assembly Chairman cont'd Zea Borok, M.D.

(Continued from page 1)

Suggestions are welcome especially with regard to areas for future development, including ways to improve communication and research interactions among Assembly members, opportunities for involvement and programming ideas.

Included in this newsletter are brief reports from the various Assembly

committees. Please remember when submitting donations to ATS that you can designate that donations be directed to RCMB, so that funds can be used for Assembly activities, including funding of awards.

Special thanks to those of you who have participated in Assembly Committees and contributed your time to Assembly efforts over the past year . I look forward to seeing you all in San Diego.

Best regards, Zea Borok, MD RCMB Assembly Chair

### Program Committee Notes Charles A. Powell, M.D., Chair

RCMB has organized a scientific program that will be of high interest to both bench scientists and translational researchers. The program consists of two postgraduate courses, seven symposia, 6 mini-symposia, 12 poster discussion sessions, and 15 thematic poster sessions.

Changes to the program this year include an extended unopposed viewing time for thematic poster sessions. This should enhance the experience of poster presenters and should enhance the scientific dialog that frequently breaks out between the poster boards.

The programming was made possible by the hard efforts of the RCMB

Program Committee and by the superb submissions from RCMB scientists.

Below is a summary of the primary RCMB sessions that will be presented at the 2009 International Conference in San Diego. Of special note is the Scientific Breakthrough Session, which will be held on Sunday afternoon, May 17. The session will focus on genomics in lung disease and will feature keynote addresses by Kari Stefansson, CEO of Decode Genetics and by Eric Schadt, Executive Director of Research Genetics at Rosetta Inpharmatics. This session will also feature three abstract presentations selected

as particularly outstanding examples of pulmonary genomics research.

We hope you take the time to participate in these sessions. We also hope that you have interest in developing sessions for participating in RCMB activities both during and after the meeting. To learn more about the Assembly and interact with members of the RCMB Leadership, please attend the Assembly Business Meeting on Monday evening May 18th from 4:30-6:30 pm at the Manchester Grand Hyatt Hotel, Elizabeth Ballroom G (2nd Level).

Best wishes, Cap and Tom

## ATS 2009 - San Diego Sessions Sponsored by the Assembly on Respiratory Cell and Molecular Biology

#### **Postgraduate Courses**

#### Friday, May 15, 2009

PG10 RISKY BUSINESS: THE SCIENTIFIC AND CLINICAL BASIS OF LUNG 8:00 AM - 4:30 PM

CANCER RISK ASSESSMENT

PG11 STEM CELLS IN LUNG BIOLOGY AND REGENERATIVE MEDICINE 8:00 AM - 4:00 PM

## ATS 2009 – San Diego Sessions Sponsored by the Assembly on Respiratory Cell and Molecular Biology

Postgradu	Postgraduate Courses				
<b>Saturday, May 16, 2009</b>					
PG26	SYSTEMS BIOLOGY OF LUNG DISEASE: A GENOMICS TOOLBOX IN ACTION	8:00 AM - 4:00	PM		
Symposia					
Sunday, N	<u>1ay 17, 2009</u>				
A7 A81	EMERGING THERAPEUTIC TARGETS IN LUNG DISEASE SCIENTIFIC BREAKTHROUGHS OF THE YEAR: DECIPHERING LUNG DISEASE IN THE GENOMIC ERA	8:15 AM - 10:4 1:30 PM - 4:00			
Monday,	May 18, 2009				
B11	FLYING WITH WINGLESS: WNT SIGNALING IN DEVELOPMENT AND DISEASE	8:15 AM - 10:4	5 AM		
B8	CORRECTING THE BASIC DEFECT OF CYSTIC FIBROSIS: FROM MO- LECULAR TARGET TO THERAPEUTIC TESTING	8:15 AM - 10:4	5 AM		
B89	UNUSUAL SUSPECTS: NEW ROLES FOR OLD LIPIDS IN LUNG DISEASE AND CRITICAL ILLNESS	1:30 PM - 4:00	PM		
Tuesday,	May 19, 2009				
C7	BIOENGINEERING FOR LUNG DISEASES: CAN WE REBUILD THE LUNG?	8:15 AM - 10:4	5 AM		
C85	MECHANOTRANSDUCTION IN LUNG INJURY, REPAIR AND FIBROSIS: MAY THE FORCE BE WITH US	1:30 PM - 4:00	PM		
Wednesda	ıy, May 20, 200 <u>9</u>				
D89	TARGETING TUMOR MICROENVIRONMENT INTERACTIONS IN LUNG CANCER	1:30 PM - 4:00	PM		
Meet the	Professor Seminars				
Sunday, N	<b>Sunday, May 17, 2009</b>				
MP417	THE MUCUS GEL LAYER: AN ESSENTIAL MECHANISM OF AIRWAY HOMEOSTASIS	12:00 PM - 1:00	PM		
MP418	ACADEMIC ROAD MAP/MENTORING	12:00 PM - 1:00	PM		
Monday,	May 18, 2009				
MP512	CAREERS: PHYSICIAN SCIENTIST/CLINICIAN EDUCATOR	12:00 PM - 1:00	PM		
MP516	MONITORING CELLULAR PROTEIN TRAFFICKING IN PULMONARY HEALTH AND DISEASE	12:00 PM - 1:00	PM		
Sunrise Se	eminars				
Monday,	May 18, 2009				
SS116	CAREER TALK FOR GRADUATE STUDENTS	7:00 AM - 8:00	AM		
SS215	May 19, 2009 STEM CELLS: FROM STEM TO STERN  19, May 20, 2009	7:00 AM - 8:00	AM		
SS316	ANIMAL MODELS OF LUNG FIBROSIS	7:00 AM - 8:00	AM		
SS317	TARGETING LUNG CANCER WITH NANOPARTICLES	7:00 AM - 8:00	AM		

## ATS 2009 – San Diego Sessions Sponsored by the Assembly on Respiratory Cell and Molecular Biology

3.50				
Mini-Syı				
	May 18, 2009	0.15 ANA 10.45 ANA		
B18 B97	microRNAs IN THE LUNG: BIT PLAYER OR LEADING ROLE? MESENCHYMAL STEM CELLS IN THE LUNG: RECRUITMENT, RETEN-	8:15 AM - 10:45 AM 1:30 PM - 4:00 PM		
	TION, AND PERFORMANCE	1.30 FWI - 4.00 FWI		
	May 19, 2009			
C19	BEYOND THE CODE: EPIGENETICS IN DIFFERENTIATION AND DISEASE	8:15 AM - 10:45 AM		
C96	LUNG TUMORIGENESIS: INSIGHTS FROM ANIMAL MODELS	1:30 PM - 4:00 PM		
Wedneso	lay, May 20, 2009			
D17	FIBROBLASTS, PROGENITOR CELLS, AND MODELS OF INTERSTITIAL FIBROSIS THAT REVEAL MECHANISMS OF DISEASE	8:15 AM - 10:45 AM		
D18	NOVEL MOUSE MODELS OF DEVELOPMENT AND DISEASE FOR 2009	8:15 AM - 10:45 AM		
Poster D	iscussion Sessions			
Sunday,	May 17, 2009			
A27	GENETIC AND ACQUIRED CILIA DISEASE	8:15 AM - 10:45 AM		
A108	THE AIRWAY EPITHELIUM: THE ENVIRONMENT, INJURY, AND REPAIR	1:30 PM - 4:00 PM		
Monday.	May 18, 2009			
B28	LUNG CANCER BIOMARKERS OF RISK	8:15 AM - 10:45 AM		
B29	TRANSLATIONAL INVESTIGATION INTO MECHANISMS OF LUNG FIBROSIS	8:15 AM - 10:45 AM		
Tuesday	May 19, 2009			
C28	EXTRACELLULAR STRESS REGULATORY MECHANISMS AND DISEASE	8:15 AM - 10:45 AM		
C107	PREVALENCE AND REGULATION OF EPITHELIAL MESENCHYMAL TRANSITION	1:30 PM - 4:00 PM		
Wednesday, May 20, 2009				
D106	SURFACTANT AND COLLECTINS STRUCTURE AND FUNCTION: INSIGHTS INTO DISEASE MECHANISMS	1:30 PM - 4:00 PM		
D107	MECHANISMS OF MUCUS PRODUCTION DURING INFLAMMATION AND INFECTION	1:30 PM - 4:00 PM		
Thema <u>ti</u>	c Poster Sessions			
Sunday,	May 17, 2009			
A54	ALVEOLAR GENE EXPRESSION REGULATION: TRANSCRIPTION AND GROWTH FACTORS	8:15 AM - 4:00 PM		
A55	OMICS AND INFORMATICS	8:15 AM - 4:00 PM		
A56	SIGNAL TRANSDUCTION: CELL SURFACE TO NUCLEUS	8:15 AM - 4:00 PM		
A57	RESIDENT CELL PLASTICITY AND SURVIVAL	8:15 AM - 4:00 PM		
A58	LUNG STEM AND PROGENITOR CELLS	8:15 AM - 4:00 PM		
A59	STEM CELL AND TISSUE ENGINEERING THERAPEUTICS	8:15 AM - 4:00 PM		

## ATS 2009 – San Diego Sessions Sponsored by the Assembly on Respiratory Cell and Molecular Biology

Thematic Poster Sessions cont'd				
Monday, May 18, 2009				
B59	PULMONARY FIBROSIS: ANIMAL MODELS	8:15 AM - 4:00 PM		
B60	PULMONARY FIBROSIS: THE FIBROBLAST	8:15 AM - 4:00 PM		
B61	PROTEASE DISEASE MECHANISMS	8:15 AM - 4:00 PM		
B62	ALPHA-1 ANTITRYPSIN: MOLECULAR, EPIDEMIOLOGICAL, AND CLINICAL FEATURES IN 2009	8:15 AM - 4:00 PM		
Tuesday, M	<u>ay 19, 2009</u>			
C66	TRANSPORT AND SECRETION	8:15 AM - 4:00 PM		
C67	AIRWAY EPITHELIUM RESPONSE TO INJURY	8:15 AM - 4:00 PM		
C68	ALVEOLAR EPITHELIUM	8:15 AM - 4:00 PM		
C69	LUNG CANCER MECHANISMS OF INITIATION AND PROGRESSION	8:15 AM - 4:00 PM		
C70	LUNG CANCER MECHANISMS OF TREATMENT RESPONSE	8:15 AM - 4:00 PM		
Tuesday, M C66 C67 C68 C69	CLINICAL FEATURES IN 2009  Iay 19, 2009  TRANSPORT AND SECRETION  AIRWAY EPITHELIUM RESPONSE TO INJURY  ALVEOLAR EPITHELIUM  LUNG CANCER MECHANISMS OF INITIATION AND PROGRESSION	8:15 AM - 4:00 PM 8:15 AM - 4:00 PM 8:15 AM - 4:00 PM 8:15 AM - 4:00 PM		

## Planning Committee Report

Jesse Roman Rodriguez, M.D., Chair

Last year, the planning committee established three formal working groups in the areas of Lung Cancer, Pulmonary Fibrosis, and Stem Cell Biology. These working groups were asked to plan agendas that addressed these areas within the context of the RCMB Assembly membership. In particular, the working groups were charged with planning and submitting Assembly Project Proposals to the ATS leadership and with developing educational programs for the San Diego ATS meeting. The working groups have been quite successful at promoting their agendas. Because of their efforts two RCMB Assembly Projects were approved for funding in the areas of stem cell biology and lung fibrosis. Also, the working groups developed proposals for the annual meeting leading to the approval of several terrific postgradulate courses,

symposia, mini-symposia, and poster sessions that are now included in the program of the upcoming ATS meeting.

Additionally, the Stem Cell Biology Working Group directed by Dan Weiss and Mauricio Rojas is planning a Stem Cells and Cell Therapies in Lung Biology and Lung Diseases Meeting to be held in July of this year in Vermont, while the Lung Fibrosis Working Group led by Patricia Sime and Jesse Roman are hard at work with veterinarians, pathologists, clinicians, scientists, and policy advocates to develop a stateof-the-art document that evaluates the use of comparative biology to explore the pathogenesis of pulmonary fibrosis. The Lung Cancer Working Group directed by Edward Hirschowitz and Venkateshwar Keshamouni continues to work hard to

push their agenda on lung cancer and serves as liaison between the RCMB Assembly and the Lung Cancer Task Force recently created by the ATS President Jo Rae Wright to address issues related to lung cancer patient care, education, and research.

The Planning Committee is interested in expanding the number of working groups this year. Please contact Jesse Roman (jroman@emory.edu) and/or Patricia Sime (patricia\_sime@urmc.rochester.edu) if you want to participate or to provide suggestions.

## **Funded Assembly Projects**

#### **New Projects**

Lung Fibrosis - a comparative biology approach

Stem Cells and Cell Therapies in Lung Biology and Diseases

#### **Renewal Project**

CareerTalk: The Book

## Please consider submitting an Assembly/Committee Project Application for funding in FY2010!

This year we will once again use an **Online Application Process** using an electronic grants submission site called proposalCENTRAL. All interested applicants must submit their Assembly/Committee Project Applications online through proposal-CENTRAL. To avoid being rushed at deadline time, applicants are encouraged to register and complete a professional profile at proposalCENTRAL as early as possible.

There will be a link to proposal-CENTRAL on the ATS homepage at www.thoracic.org along with comprehensive instructions that have been designed to correspond with the fields in the online application. Please consider submitting an online application for an Assembly/Committee project. If you have a suggestion for a project application and you need assistance, please contact your Assembly Planning Com-

mittee chair Jesse Roman Rodriguez at **jroman@emory.edu**.

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

## Nominating Committee Report

V. Courtney Broaddus, M.D., Chair

The Nominating Committee has been hard at work to seek interested and experienced candidates and to communicate broadly about current and future leadership opportunities. Courtney Broaddus, MD Chair (UCSF), Luis Ortiz, MD (U Pittsburgh), Karen Ridge, PhD (Northwestern Univ) have set up a

system with more institutional memory allowing names of potential candidates to be considered for upcoming positions, either now or in future years. Under a new provision, the Chair now holds the job for 2 years, not 1, ensuring some continuity; in addition, at least one member will run for a second year in an attempt

to have at least one of this small committee continue to the next year. Thus, if you wish to be considered for an RCMB position (Assembly Chair, Program Committee Chair, or Nominating Committee member), please submit your name to this committee. Email or call any of us. If not now, then later!

## Candidates for Office

Assembly Chair Naftali Kaminski, MD Jesse Roman Rodriguez, MD Lynn M. Schnapp, MD **Program Committee Chair-Elect** Susan H. Guttentag, MD Eric S. White, MD

Nominating Committee Horace M. Delisser, MD Karen M. Ridge, PhD

## Patients to Speak at Fifteen Designated ATS International Conference Symposia

The ATS Public Advisory Roundtable (ATS PAR) has selected patients to provide a patient perspective at fifteen symposia at the 2009 ATS International Conference Symposia. This concept has worked exceptionally well within the format of the PAR Symposium for the last seven years as well as at an increasing number of sessions at ATS International Conferences from 2004 to 2008.

This is the sixth year that patient speakers will participate within the Assemblies' Symposia. The patients will make a five-minute presentation to offer insight into their personal journeys. This insight will address diagnosis, treatment, and how the disease has dramatically altered their lifestyle, family, career and relationships. They will share their perspective 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:

ASSEMBLY	SESSION CODE	TITLE	DATE/TIME
CP/AII	A3	Controversies In Lung Transplantation: A Pro-Con Debate	Sunday, May 17 8:15 AM-10:45 AM
CP/BS/ NRSG/ RCMB	A82	High Impact Disease Modifying Therapies In Advanced COPD: Current Status And Future Directions	Sunday, May 17 1:30 PM-4:00 PM
PC/RCMB	A85	Selective Kinase Or Multikinase Inhibitors In Pulmonary Hypertension	Sunday, May 17 1:30 PM-4:00 PM
SRN	A87	Sleep-Disordered Breathing Beyond Obesity: The Role Of Gender, Race, And Genetics	Sunday, May 17 1:30 PM-4:00 PM
EOH/AII	В9	Fat And Flow: Implications Of Diet And Obesity For Asthma	Monday, May 18 8:15 AM-10:45 AM
CP/AII	B82	Clinical Problems In Sarcoidosis	Monday, May 18 1:30 PM-4:00 PM
PC/AII/CP	C5	Scleroderma-Related PAH: A Paradigm For Vascular Remodeling	Tuesday, May 19 8:15 AM-10:45 AM
SRN	C8	New Frontiers in the Management of Obstructive Sleep Apnea	Tuesday, May 19 8:15 AM-10:45 AM
RCMB/AII/ CP/CC/PC/ RSF	C85	Mechanotransduction In Lung Injury, Repair And Fibrosis: May The Force Be With Us	Tuesday, May 19 1:30 PM-4:00 PM
RSF/CP/ CC/NRSG/ PC/RCMB	C86	Causes Of Multi-organ Failure In Critically Ill Septic Patients	Tuesday, May 19 1:30 PM-4:00 PM
СР	D2	Lung Cancer Clinic: State Of The Art	Wednesday, May 20 8:15 AM-10:45 AM
CC/CP	D4	Therapeutic Frontiers In Acute Lung Injury	Wednesday, May 20 8:15 AM-10:45 AM
BS/CP/ NRSG/ PED/PR	D10	Medication Availability And Access: Issues Of Value And Affordability	Wednesday, May 20 8:15 AM-10:45 AM

## Patients to Speak at Fifteen Designated ATS International Conference Symposia

ASSEMBLY	SESSION	TITLE	DATE/TIME
	CODE		
RCMB/ AII/CP	D89	Targeting Tumor Microenvironment Interactions In Lung Cancer	Wednesday, May 20 1:30 PM-4:00 PM
CC	D93	Non-Pulmonary Problems in the ICU	Wednesday, May 20 1:30 PM-4:00 PM

## ATS PAR Symposium

The ATS Public Advisory Roundtable (PAR) is pleased to announce the eighth ATS PAR Symposium to be presented at the ATS International Conference in San Diego on Sunday, May 17, 2009 1:30 p.m. – 4:00 p.m.. The topic of the symposium is "Lung Fibrosis" and it will be jointly chaired by David H. Ingbar, M.D. and Donna J. Appell, RN. The program includes the following:

- New Molecular Targets In Pulmonary Fibrosis - P.B. Bitterman, M.D., Minneapolis, MN
- Patient's Perspective *TBD*
- Lessons From Pulmonary Fibro-

- sis In Hermansky Pudlak Syndrome NHGRI B.R. Gochuico, M.D., Bethesda, MD
- Genomics And Pulmonary Fibrosis - J.E. Loyd, M.D., Nashville, TN
- Molecular Diagnostics And Biomarkers In IPF N. Kaminski, M.D., Pittsburgh, PA
- Where Are We With Clinical Trials In IPF? *TBD*
- Novel Treatments For Pulmonary Fibrosis: Stem Cells And All That Jazz - L.A. Ortiz, M.D., Pittsburgh, PA

Wrap-Up Interactive Discussion
 D.H. Ingbar, M.D., Minneapolis, MN

The ATS PAR Annual Poster Session will be open from Sunday, May 17 – Tuesday, May 19 2009 in the Exhibit Hall of the San Diego Convention Centre. 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.

ATS Public Advisory Roundtable's Third Annual

## Breathing Better with the ATS Forum

This is a forum at which patients will have the unique opportunity to network and learn more about their disease. This year the panelists will focus on oxygen management and quality of life issues.

#### **Panel Includes:**

Patrick Strollo, MD Sam Giordano, MBA, RRT, FAARC Rell Trey Schwab

If you have any patients in the San Diego area, please encourage them to attend. They will have an opportunity to hear from and network with other patients and experts in the pulmonary community.

#### May 16, 2009, 1:00 p.m. – 4:00 p.m.

The Manchester Grand Hyatt Hotel located at One Market Place, San Diego, CA RSVP by: April 30<sup>th</sup>, 2009 by emailing <a href="cwhite@thoracic.org">cwhite@thoracic.org</a> or call Courtney L. White at (212) 315-8640

# ATS Foundation to Host Inaugural Benefit Dinner for the ATS Research Program at ATS 2009 in San Diego

The Board of Trustees of the Foundation of the American Thoracic Society invites you to attend our Inaugural **Gala** Dinner benefiting the ATS Research Program on Saturday, May 16, 2009 in San Diego, California. The **evening** will begin with a **reception** at 7:00 p.m. followed by dinner at 7:45 PM. The **event** will be held at the Manchester Grand Hyatt on the Fourth Level in the Randle Ballroom. During the dinner, we will recognize ATS Research Program **awardees** and honor the **recipients** of the 2009 Breathing for Life Award. Please join us! **Please register early as seating is limited**.

To register for **the conference and reception/dinner** go to: <a href="http://foundation.thoracic.org/web/ats-research-program-dinner.html">http://foundation.thoracic.org/web/ats-research-program-dinner.html</a> or call (212) 315-6822 for more information.

## Fellows Get First Year of ATS Membership for Free!

ATS is offering a free year of ATS membership to all first-year pulmonology, critical care, sleep fellows and post-doctoral PhD fellows! This special program is intended to welcome fellows to the ATS community. The Society would like these junior entrants to the fields of respiratory medicine to take advantage of the benefits of membership and look to ATS as their professional home for post graduate and continuing medical education, networking on a global scale, and for helping them to serve the needs of patients and the public at large.

Today's fellows will be the research and clinical professionals who will achieve the next major advancement in the science and treatment of pulmonary disease, critical illness and sleep disorders critical to advancing science and practice of the fields.

To learn more about this program, send an e-mail to <u>fellows@thoracic.org</u> or visit the ATS Web site at <u>www.thoracic.org</u> and click "Free Year for Fellows" under the Membership drop down menu. Program directors are encouraged to share this information with their fellows and other colleagues.

# RESPIRATORY CELL AND MOLECULAR BIOLOGY ASSEMBLY MEMBERSHIP MEETING

MONDAY MAY 18<sup>TH</sup> 4:30-6:30 PM MANCHESTER GRAND HYATT SAN DIEGO ELIZABETH BALLROOM D (SECOND LEVEL)