

Respiratory Cell and Molecular Biology Assembly Newsletter



Edited by Steven L. Brody, MD, Assembly Chairman

Spring 2007

Message from the Chair

RCMB Chair: Steven L. Brody, MD

Dear Members,

We look forward to gathering for the 2007 International ATS meeting in San Francisco this May. Our assembly has been busy organizing an exciting program. We hope that you will be able to attend the many RCMB postgraduate courses, symposia, mini-symposia, poster discussions, and thematic poster discussions that are dedicated to understanding the scientific basis of disease. We also hope that you will be interested in working with our Assembly on programming and projects that are noted below.

RCMB Programs for the 2007 International Conference

Programming chair Jesse Roman and chair-elect Lynn Schnapp, together with the Program Committee members, have scheduled cutting edge sessions for 2007. RCMB organized post-graduate courses and symposia are selected from proposals submitted by the general membership. Typically, we combine multiple similar proposals and work with other assemblies to meld the best possible sessions. Meet the Professor and Sunrise Sessions also come from submissions by the ATS membership. Mini symposia, poster discussion and thematic poster sessions are organized by the committee based on abstracts submitted that fall under the review of the RCMB assembly.

The RCMB Mission:

- To advance and support innovative research in lung biology and related fields -To Foster the training and research support for young scientists working in lung biology and for physician-scientists

We are over 2,500 ATS including one-third international members with primary or secondary membership in RCMB. We are interested in new members including fellows, post-doctoral scientists, and junior faculty who are embarking on careers in translational research.

RCMB Projects: Angela Panoskaltis-Mortari and her committee have received approval from the ATS for funding: "A 10 year update on the Idio-

(Continued on page 2)

Officers of the RCMB Assembly

Assembly Chairman
2006-2007: Steven L. Brody, MD
brodys@msnotes.wustl.edu

Planning Chairman
2006-2008: Tomoko Betsuyaku, MD
bytomoko@med.hokudai.ac.jp

Program Chairman
2006-2007: Jesse Roman, MD
jroman@emory.edu

Program Chair-elect
2006-2007: Lynn M. Schnapp, MD
lschnapp@u.washington.edu

Nominating Chairman
2006-2007: Phillip H. Factor, DO
phf2103@columbia.edu

Web Director
2005-2007: Angela C. Wang, MD
alwang@ucsd.edu

Inside this issue:

Idiopathic Pneumonia Syndrome	2
Assembly/Committee Project Application for Funding in FY2008	2-3
RCMB ATS 2007 San Francisco Sessions	4-6
Public Advisory Roundtable (PAR)	7-8
RCMB Assembly Membership Meeting	9
A Message from our Journal Editors	10

Message from the Chair

RCMB Chair: Steven L. Brody, MD

(Continued from page 1)

pathic pneumonia syndrome" (clinical definitions and research models). Each year, we seek proposals for reviews, position papers, education projects, web-based projects and ideas relevant to the RCMB mission.

How to participate in the RCMB Assembly

- Attend our annual membership meeting at the ATS International Conference—it is a great place to meet and hear about our projects.
- We recently completed a successful call for volunteers for the program and planning committee. We are pleased to get additional names of those interested in future positions. Please contact Program Committee Chair Lynn Schnapp (lschnapp@u.washington.edu) or Planning Committee Chair Tomoko Betsuyaku (bytomoko@med.hokudai.ac.jp if you are interested).
- Please consider submitting projects to the planning committee and symposia ideas to the program committee. Details of how to do this are noted below.
- Webmaster. We always need help with this job. Contact Angela Wang at: alwang@ucsd.edu
- We have a new slate of leadership positions. Please come to our annual meeting during the ATS Conference to vote. The meeting will be held on Monday May 21st 4:30pm-6:30pm in the Imperial Ballroom B at the Hilton San Francisco Hotel.

Best Regards,

Steven Brody, MD
RCMB Assembly Chair
brodys@wustl.edu

Idiopathic Pneumonia Syndrome

Chair: Angela PanoskaItsis-Mortari, PhD

The Idiopathic Pneumonia Syndrome (IPS) project committee has prepared and submitted the consensus statement document to the ATS documents committee. It is entitled "Idiopathic Pneumonia Syndrome: Research Update". It is a comprehensive summary and review of all the relevant clinical and preclinical (basic) research done in this field over the last 12-13 years. IPS is a non-infectious pulmonary complication that occurs in patients after hematopoietic stem cell transplant. The document also contains an updated definition of IPS that will be important for upcoming clinical trials.

Please Consider Submitting an Assembly/Committee Project Application for Funding in FY2008

For your information, the FY2008 (January 1-December 31, 2008) project application forms for Assembly/Committee projects will be available on the ATS website (www.thoracic.org) on May 1, 2007. There will be a link to the project submission forms on the ATS homepage.

(Continued on page 3)

Please Consider Submitting an Assembly/Committee Project Application for Funding in FY2008

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 Tomoko Betsuyaku bytomoko@med.hokudai.ac.jp

The timeline for the application and review process follows:

- ◆ May 2007: FY2008 forms are available
- ◆ July 23, 2007: Assembly/Committee project applications are due to the ATS office. Late submissions will not be accepted.
- ◆ Early-mid August 2007: 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 1-17, 2007: 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 4, 2007: 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 2007: Program Review Sub-Committee (PRS) meeting
- ◆ Early November 2007: 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 2007: ATS Board reviews FY 2008 Budget

Please contact Monica Simeonova with any questions at tel: 212/315-8696 or email: msimeonova@thoracic.org.

THE ATS ASSEMBLY ON RESPIRATORY CELL AND MOLECULAR BIOLOGY
ATS 2007 · SAN FRANCISCO SESSIONS

POSTGRADUATE COURSES

Friday, May 18

PG10	Grant Fundamentals	8:00 AM	4:00 PM
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Saturday, May 19

PG25	Lung Cancer: From Cell To Cure	8:00 AM	4:00 PM
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SCIENTIFIC SYMPOSIA

Sunday, May 20

A8	Whats All The Flap About The Hapmap?	8:15 AM	11:00 AM
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A81	Scientific Breakthroughs Of The Year	1:30 PM	4:15 PM
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Monday, May 21

B87	Cell Based Therapies For Lung Diseases	1:30 PM	4:15 PM
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Tuesday, May 22

C7	San Francisco Science: Inflammation, Immunity, And Signaling	8:15 AM	11:00 AM
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Wednesday, May 23

D6	From The Developer To The Fixer: Specifying Lung Epithelial	8:15 AM	11:00 AM
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D87	New Insights On The Role Of Surfactant In Lung Disease	1:30 PM	4:15 PM
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MEET THE PROFESSOR SEMINARS

Sunday, May 20

MP418	Disease Gene Hunting Using High Density SNP Chips: Strategic Considerations As Applications To Multigene Diseases	12:00 PM	1:00 PM
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Monday, May 21

MP518	Disease Models To Identify And Validate Molecular Targets In Lung Cancer Progression	12:00 PM	1:00 PM
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Tuesday, May 22

MP616	Setting Up A Mouse ICU Lab: Practical Considerations	12:00 PM	1:00 PM
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MP617	In Vitro Models Of Cigarette Smoke Exposure: Which, If Any, Model Best Mimics In Vivo Exposure?	12:00 PM	1:00 PM
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THE ATS ASSEMBLY ON RESPIRATORY CELL AND MOLECULAR BIOLOGY

ATS 2007 · SAN FRANCISCO SESSIONS CONT'D

SUNRISE SEMINARS

Monday, May 21

SS116	Proteomic Approaches To Inflammation Research	7:00 AM	8:00 AM
SS117	Bioinformatics And Lung Disease	7:00 AM	8:00 AM

Tuesday, May 22

SS218	Novel Approach Towards Characterizing Transcription Factors In Lung Biology	7:00 AM	8:00 AM
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Wednesday, May 23

SS318	Remodeling The Injured Adult Lung: Back To Basics With WNT, Catenin And Cadherin	7:00 AM	8:00 AM
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MINI-SYMPOSIA

Sunday, May 20

A98	Toll-Like Receptors: Synergistic Role In Oxidative Stress And Inflammation	1:30 PM	4:15 PM
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Monday, May 21

B14	Tumor Microenvironment: New Insights Into Lung Cancer Development And Metastasis	8:15 AM	11:00 AM
B92	Best Of Airway Epithelium 2006	1:30 PM	4:15 PM

Tuesday, May 22

C15	Molecular Mechanisms Of Lung Development	8:15 AM	11:00 AM
C96	Novel Concepts In Stem Cells: Lung Derived Stem Cells And Alternative Mechanisms Of Action	1:30 PM	4:15 PM

Wednesday, May 23

D15	Novel Mechanistic Insights Into Fibrotic Lung Disease: Implications For Therapy	8:15 AM	11:00 AM
D91	Epithelial Cell Plasticity Revisited: The Impact Of Epithelial-To-Mesenchymal Transition In Lung Disease	1:30 PM	4:15 PM

POSTER DISCUSSIONS

Sunday, May 20

A25	Oxidative Stress And Redox Regulation Of Inflammation	8:15 AM	11:00 AM
A26	Biomarkers Of Lung Carcinogenesis	8:15 AM	11:00 AM
A107	Kinase Signaling Events In Lung Cell Function And Phenotype	1:30 PM	4:15 PM

Monday, May 21

B28	Fibroblast Activation And Survival In Pulmonary Fibrosis: Living Longer And Stronger	8:15 AM	11:00 AM
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THE ATS ASSEMBLY ON RESPIRATORY CELL AND MOLECULAR BIOLOGY
ATS 2007 · SAN FRANCISCO SESSIONS CONT'D

POSTER DISCUSSIONS

Monday, May 21

B29	Transitions In Alveolar Structure And Phenotype	8:15 AM	11:00 AM
B101	Mechanisms Of Gene Regulation: New Technology	1:30 PM	4:15 PM

Wednesday, May 23

D103	Stem Cells: Are We Close To A Cell Therapy?	1:30 PM	4:15 PM
D104	Ion Channels	1:30 PM	4:15 PM

THEMATIC POSTERS

Sunday, May 20

A43	Gene Regulation	8:15 AM	4:15 PM
A44	Signal Transduction	8:15 AM	4:15 PM
A45	Lung Response To Acute And Chronic Injury	8:15 AM	4:15 PM
A46	Oxidants And Antioxidants	8:15 AM	4:15 PM

Monday, May 21

B44	Lung Cancer	8:15 AM	4:15 PM
B45	Bioinformatics And Functional Genomics	8:15 AM	4:15 PM
B46	Apoptosis In The Lung	8:15 AM	4:15 PM
B47	Nitric Oxide, Carbon Oxide	8:15 AM	4:15 PM

Tuesday, May 22

C62	Signal Transduction In Lung Fibroblasts: What Happens When I Press The Button?	8:15 AM	4:15 PM
C63	Pulmonary Fibrosis: Basic Mechanisms Of Disease In Mouse And Man	8:15 AM	4:15 PM
C64	Proteases - Antiproteases	8:15 AM	4:15 PM
C65	Airway And Alveolar Epithelium: General	8:15 AM	4:15 PM
C66	Airway Epithelium: Mucins, Cilia And Phenotype	8:15 AM	4:15 PM
C67	Ion And Membrane Channels	8:15 AM	4:15 PM

Wednesday, May 23

D37	Lung Epithelium Gene Expression	8:15 AM	4:15 PM
D38	Surfactant	8:15 AM	4:15 PM

Patients to Speak at Eleven Designated ATS International Conference Symposia

The ATS Public Advisory Roundtable (ATS PAR) has selected patients to provide a patient perspective at eleven of the 2007 ATS International Conference Symposia. This concept has worked exceptionally well within the format of the PAR Symposia for the last five years and at an increasing number of sessions at the 2004, 2005 and 2006 International Conferences.

This is the fourth 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:

ASSEMBLY	SESSION CODE	TITLE	DATE/TIME
NRSG	A7	Controversies in Pulmonary Rehabilitation	Sunday, May 20 8:15-11:00 am
PED	A85	State of the Art Update: Prevention and Management of Neonatal Chronic Lung Disease (Parent's Perspective on BPD)	Sunday, May 20 1:30-4:15 pm
MTPI	A86	New Tools and New Challenges: Interferon Gamma Release Assays in the Diagnosis of TB Infection and Disease	Sunday, May 20 8:15-11:00 am
AII	A87	Improving Outcomes after Human Lung Transplantation: Insights Gained Through Translational Proteomics, Genetics and Genomics Studies	Sunday, May 20 1:30-4:15 pm
EOH	A88	The Upper Airway and the Environment	Sunday, May 20 1:30-4:15 pm
RNS	A9	Vascular Homeostasis in Obstructive Sleep Apnea	Sunday, May 20 8:15-11:00 am
AII	B8	Challenging the Current Paradigm for Treating Asthma	Monday, May 21 8:15-11:00 am
PED	B9	Pathophysiology of OSAS in Children: New Questions, New Answers	Monday, May 21 8:15-11:00 am
CC	D4	Update on the Diagnosis and Treatment of Severe Sepsis	Wednesday, May 23 8:15-11:00 am
PED	D90	Current and Emerging Treatments For Cystic Fibrosis	Wednesday, May 23 1:30-4:15 pm
PC	PG9	Pulmonary Embolism Diagnosis and Treatment: State of the Art 2007	Friday, May 18 8:00-4:00 pm

ATS Public Advisory Roundtable (PAR) Symposium and Poster Session

ATS PAR Symposium

The ATS Public Advisory Roundtable (PAR) is pleased to announce the sixth ATS PAR Symposium to be presented at the ATS International Conference in San Francisco on Tuesday, May 22nd from 8:15-11:00 a.m. The topic will be "Pulmonary Hypertension – Basic, Translational and Clinical" chaired by Peter D. Wagner, M.D. and Judith Simpson, RN, EdS. The program includes the following:

- Classification of Pulmonary Arterial Hypertension – D. B. Badesch, M.D., Denver, CO
- Genetics of Pulmonary Arterial Hypertension – C. G. Elliott, MD, Salt Lake City, UT
- Pathogenesis of Pulmonary Arterial Hypertension – L. Rubin, M.D., San Diego, CA
- Fueled By Hope: Living with Pulmonary Hypertension – C. S. Tillman Dick Baltimore, MD
- Current Therapies: Prostanoids, Endothelin Receptor Antagonist and Phosphodiesterase Inhibitors – R.J. Barst, MD, New York, NY
- Stem Cell Therapy – D.J. Stewart, M.D., Toronto, Canada
- Future Therapies: Antiproliferatives and Others – J.H. Newman, M.D., Nashville, TN
- Our Meghan's Fight to Breathe – C. Hicks, Gig Harbor, WA

The ATS PAR Annual Poster Session will be open from Sunday, May 20 until Tuesday, May 22, 2007 in the Exhibit Hall of the San Francisco Moscone 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.

ATS PUBLIC ADVISORY ROUNDTABLE'S FIRST ANNUAL

Breathing Better with the ATS Forum

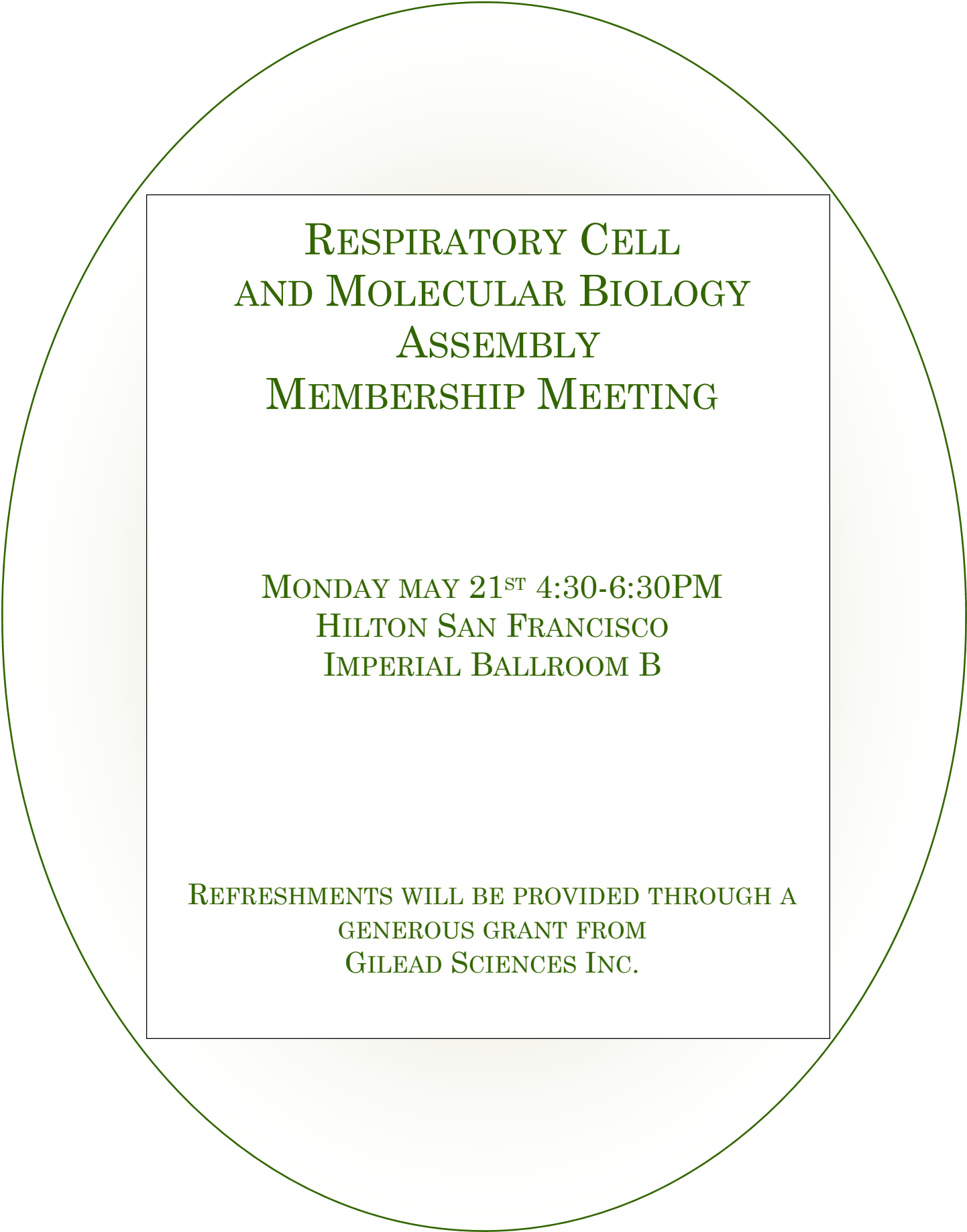
May 19th, 2007, 1:00 p.m. – 4:00 p.m.

PARC 55 Hotel located at 55 Cyril Magnin St., San Francisco

RSVP by: March 30th, 2007 by emailing par@thoracic.org or call

Karen Belgiovine at (212) 315-8640

If you have any patients in the San Francisco 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.



**RESPIRATORY CELL
AND MOLECULAR BIOLOGY
ASSEMBLY
MEMBERSHIP MEETING**

**MONDAY MAY 21ST 4:30-6:30PM
HILTON SAN FRANCISCO
IMPERIAL BALLROOM B**

**REFRESHMENTS WILL BE PROVIDED THROUGH A
GENEROUS GRANT FROM
GILEAD SCIENCES INC.**