



We help the world breathe
PULMONARY • CRITICAL CARE • SLEEP

**CRITICAL CARE
ASSEMBLY NEWSLETTER**
EDITED BY AMAL JUBRAN, ASSEMBLY CHAIRMAN

SPRING 2008



Message From the Assembly Chairman

Amal Jubran, M.D.

We are eagerly anticipating the ATS International Conference which will be held May 16-21 in Toronto. Our Assembly has been busy

organizing an exciting program. We hope you will be able to attend the many sessions that are dedicated to critical care.

Officers of the Assembly on Critical Care

Assembly Chairman
2007-2009: Amal Jubran
ajubran@lumc.edu

Planning Chairman
2006-2008: Anthony F. Suffredini
asuffredini@mail.cc.nih.gov

Program Chairman
2007-2008: Brian P. Kavanagh
Brian.kavanagh@sickkids.ca

Program Chair-elect
2007-2008: Stefano Nava
snava@fsm.it

Nominating Chair
2007-2008: Lluís Blanch
lblanch@cspt.es

Web Director
2007-2008: David A. Kaufman
David.kaufman@mssm.edu

Program Committee Update

Brian Kavanagh, M.D., Chair

Brian Kavanagh, Chair of the Program Committee, and Stefano Nava, Chair-elect, together with the Program Committee members have organized an impressive program as detailed later in this newsletter. An outstanding line-up of speakers covering diverse topics such as ICU menopause: endocrine burnout in chronic illness, international differences in critical care practices, and industry and con-

flict of interest in academic medicine will be featured at this year's meeting. New cutting edge research focusing on topics ranging from molecular basis of sepsis, application of mechanical ventilation at the bedside, to the latest clinical trials in critical care will be presented in the 24 thematic poster, poster discussion, mini-symposium sessions.

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ATS 2008 – Toronto Sessions Sponsored by the Assembly on Critical Care

Postgraduate Seminars

Friday, May 16, 2008

PG7	MECHANICAL VENTILATION: STATE OF THE ART	8:00 AM	-	4:00 PM
PG8	PULMONARY AND CRITICAL CARE REVIEWS: BUILT AROUND ABIM PULMONARY MODULE A9-E AND CRITICAL CARE MODULE A2-E	8:00 AM	-	4:00 PM

Saturday, May 17, 2008

PG20	CONTROLLING INFECTIONS AND ANTIBIOTIC RESISTANCE IN THE ICU	8:00 AM	-	11:30 AM
PG21	CRITICAL CARE IN THE PREGNANT PATIENT	1:00 PM	-	4:30 PM

ATS 2008 – Toronto Sessions Sponsored by the Assembly on Critical Care

Symposia

Monday, May 19, 2008

B87	GETTING BEYOND THE STARTING LINE: DETERMINANTS OF RESOLUTION IN ACUTE LUNG INJURY	1:30 PM	-	4:15 PM
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Critical Care Track

Sunday, May 18, 2008

A4	MULTIPLE ORGAN DYSFUNCTION: AN ENERGETIC DISCUSSION	8:15 AM	-	11:00 AM
A84	ICU MENOPAUSE: ENDOCRINE BURNOUT IN CHRONIC CRITICAL ILLNESS	1:30 PM	-	4:15 PM

Monday, May 19, 2008

B4	INDUSTRY AND CONFLICT OF INTEREST IN ACADEMIC MEDICINE	8:15 AM	-	11:00 AM
B84	BREAKING DOWN ICU ACQUIRED WEAKNESS: WHERE TO LOOK AND WHAT TO DO	1:30 PM	-	4:15 PM

Tuesday, May 20, 2008

C4	HOW DO I TREAT THIS PATIENT? DECIDING WHAT TO DO (AND WHO TO BELIEVE)!	8:15 AM	-	11:00 AM
C84	ACUTE KIDNEY INJURY IN THE ICU SETTING	1:30 PM	-	4:15 PM

Wednesday, May 21, 2008

D4	INTERNATIONAL DIFFERENCES IN CRITICAL CARE PRACTICE	8:15 AM	-	11:00 AM
D84	PATIENT-CENTERED CRITICAL CARE	1:30 PM	-	4:15 PM

Meet the Professor Seminars

Sunday, May 18, 2008

MP412	TREATMENT OF ALCOHOL WITHDRAWAL IN THE ICU	12:00 PM	-	1:00 PM
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Monday, May 19, 2008

MP511	INHALED ANTIMICROBIAL THERAPY FOR PREVENTION AND TREATMENT OF VENTILATOR-ASSOCIATED PNEUMONIA	12:00 PM	-	1:00 PM
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Tuesday, May 20, 2008

MP611	HOW ARE WE USING MECHANICAL VENTILATION?	12:00 PM	-	1:00 PM
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Sunrise Seminars

Monday, May 19, 2008

SS112	PRACTICAL CONSIDERATION IN DIAGNOSING ICU ACQUIRED WEAKNESS	7:00 AM	-	8:00 AM
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Tuesday, May 20, 2008

SS212	ECHOCARDIOGRAPHY FOR THE PULMONOLOGIST	7:00 AM	-	8:00 AM
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Wednesday, May 21, 2008

SS312	FLUID BALANCE AND EXTRAVASCULAR LUNG WATER IN ARDS	7:00 AM	-	8:00 AM
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ATS 2008 – Toronto Sessions Sponsored by the Assembly on Critical Care

Mini-Symposia

Sunday, May 18, 2008

A93 SEPSIS: FROM MOLECULES TO GUIDELINES 1:30 PM – 4:15 PM

Monday, May 19, 2008

B13 NON-INVASIVE VENTILATION I 8:15 AM – 11:00 AM

Tuesday, May 20, 2008

C93 LUNG INJURY: MECHANISMS AND STRATEGIES 1:30 PM – 4:15 PM

C94 FIVE RCT IN CRITICAL CARE AND EDITORIAL COMMENT 1:30 PM – 4:15 PM

Wednesday, May 21, 2008

D14 DAILY PRACTICE IN ICU: TIME FOR A CHANGE? 8:15 AM – 10:45 AM

D15 ARDS: MORE TRIALS, BETTER PRACTICE? 8:15 AM – 11:00 AM

Poster Discussions

Sunday, May 18, 2008

A24 CLINICAL TRIALS IN CRITICAL CARE 8:15 AM – 11:00 AM

A101 MECHANICAL VENTILATION AND VENTILATOR-INDUCED LUNG INJURY 1:30 PM – 4:15 PM

Monday, May 19, 2008

B101 ETHICS AND END OF LIFE CARE 1:30 PM – 4:15 PM

Tuesday, May 20, 2008

C24 SEPSIS AND ORGAN FAILURE 8:15 AM – 11:00 AM

Wednesday, May 21, 2008

D104 PEDIATRIC CRITICAL CARE 1:30 PM – 4:15 PM

D105 NON-PULMONARY CRITICAL CARE II 1:30 PM – 4:15 PM

Thematic Posters

Sunday, May 18, 2008

A45 SEPSIS AND MULTIPLE ORGAN FAILURE 8:15 AM – 4:15 PM

A46 MOLECULAR BIOLOGY OF CRITICAL CARE 8:15 AM – 4:15 PM

A47 ICU MANAGEMENT AND OUTCOMES I 8:15 AM – 4:15 PM

Monday, May 19, 2008

B40 DIAGNOSTIC TECHNIQUES AND MONITORING 8:15 AM – 4:15 PM

B41 MECHANICAL VENTILATION: PATHOPHYSIOLOGY 8:15 AM – 4:15 PM

B42 MECHANICAL VENTILATION: WEANING 8:15 AM – 4:15 PM

B43 MECHANICAL VENTILATION: APPLICATIONS 8:15 AM – 4:15 PM

Tuesday, May 20, 2008

C37 LUNG INJURY: DIAGNOSIS AND CLINICAL ISSUES 8:15 AM – 4:15 PM

C38 CARDIOPULMONARY INTERACTIONS 8:15 AM – 4:15 PM

C39 NON-PULMONARY CRITICAL CARE I 8:15 AM – 4:15 PM

C40 ICU MANAGEMENT AND OUTCOMES II 8:15 AM – 4:15 PM

C41 NON-INVASIVE VENTILATION II 8:15 AM – 4:15 PM

Planning Committee Update

Anthony F. Suffredini, M.D, Chair

The Planning Committee under the leadership of Anthony Suffredini reviewed Assembly / Committee projects submitted by the Critical Care Assembly for ATS funding. The International Consensus Conference: Diagnosis and Management of Adrenal Insufficiency in the Critically Ill was strongly endorsed and received funding for 2008. The Scholar-

ship Grant for Critical Care Trainees from Developing Countries was similarly supported but was not funded because of a change in policy by the ATS. Requests for travel awards funding will now be allocated by the ATS Program and Budget Committee separately from funds for Assembly/Committee projects. The requests for funds will now be coordi-

nated through the ATS International Lung Health Committee. This was disappointing as the funding of Critical Care Trainees from Developing Countries, coordinated by the Critical Care Assembly, had been a successful program for several years.

Please consider submitting an Assembly/Committee Project Application for funding in FY2009!

Please consider submitting an Assembly/Committee Project Application for funding in FY2009!

This year for the first time there will be an **Online Application Process** using an electronic grants submission process called proposalCENTRAL. All interested applicants must submit their Assembly/Committee Project Applications online through proposalCENTRAL. 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 proposalCENTRAL on the ATS homepage at www.thoracic.org along with new comprehensive instructions that have been designed to correspond with the numbered fields within 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 Committee chair Anthony F. Suffredini, MD at asuffredini@mail.cc.nih.gov.

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

Website Update

David A. Kaufman, M.D., Web Director

Under the leadership of David Kaufman, our Web Director, we have introduced several new changes to the Critical Care Website. The online Journal Club has been restructured to include 6 different sections, each of which is edited by a new section editor. The 6 sections include: acute respiratory failure, mechanical ventilation, basic and translational science, general critical care, surgical critical care and pediatric critical care. Critiques of original articles from each of these sec-

tions are published on a regular basis. In addition, readers can now contribute their own critiques and discuss their interpretations with colleagues worldwide using the Journal Club Forum. We encourage members to log on to the ATS Forums and join the conversation.

We are currently renovating the Critical Care Clinical Cases posted on website. The cases devoted to the various aspects of critical care will be posted regularly on

the website. To represent the practice of critical care worldwide, we have commissioned cases from Australia, Europe and North America. To improve the educational quality of the cases, we have encouraged authors to include radiographic images, EKG tracings, echocardiographs, and biopsies relevant to the case. With the introduction of the ATS Forums, members can now send in comments and discuss the cases with other members of the critical care community.

How to get involved in the Critical Care Assembly

There are several ways in which members can become involved in the Assembly. Members should make every effort to attend our annual Assembly meeting during the International Conference. At that meeting, members will be provided

with up-to-date information on all Assembly activities and projects. Members can also submit proposals to the Planning Committee Chair and symposia ideas to the Program Committee Chair. We are always looking for volunteers to

assist with the website. If you are interested in contributing to Journal Club or Case studies on our website, please let us know. You can contact us at cc@thoraci.org

Please Attend the Critical Care Assembly Meeting

I strongly encourage members to attend the Critical Care Assembly meeting on Monday, May 19 from 4:30 to 6: 30 pm. The meeting will be held at the Sheraton Centre Toronto.

The election of Assembly officers will take place at this year's Assembly mem-

bership meeting. The Nominating Committee, chaired by Lluís Blanch, has developed a list of outstanding candidates for Chairman of the Assembly, Program Committee Chair-Elect, and members for the Nominating Committee. So please show up and vote!!

I look forward to seeing all of you in Toronto

Best regards

Amal Jubran (ajubran@lumc.edu)
Assembly Chair

Patients to Speak at Fourteen Designated ATS International Conference Symposia

The ATS Public Advisory Roundtable (ATS PAR) has selected patients to provide a patient perspective at fourteen symposia at the 2008 ATS International Conference Symposia. This concept has worked exceptionally well within the format of the PAR Symposium for the last six years and at an increasing number of sessions at the 2004, 2005, 2006 and 2007 International Conferences.

This is the fifth 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; to address their 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
BS	A7	Obesity and it's Impact on Lung Health Across the Lifespan	Sunday, May18 8:15-11:00 am
CP	A82	COPD Exacerbations: Epidemiology, Prevention and Treatment	Sunday, May 18 1:30-4:15 pm
RNS	A85	Sleep Medicine Grand Rounds	Sunday, May 18 1:30-4:15 pm
Joint CP-RCMB-RSF	A90	Lung Cancer Translational Research: Integrating Innovations for Diagnosis and Treatment	Sunday, May 18 1:30-4:15 pm
CP	B2	IPF: Issues in Management from Diagnosis to Transplant	Monday, May 19 8:15-11:00 am
NRSG	B9	Pulmonary Rehabilitation: Different Settings for Different Needs	Monday, May 19 8:15-11:00 am
PC	B88	Novel Therapeutic Targets for Reverse Remodeling Pulmonary Arterial Hypertension: From Bench to Bedside	Monday, May 19 1:30-4:15 pm
Joint BS-AII-CC	B89	Status Asthmaticus	Monday, May 19 1:30-4:15 pm
RNS	C10	Sleep Apnea as a Mechanism of Atherosclerosis: From Bench to Bedside	Tuesday, May 20 8:15-11:00 am
EOH	C86	Candidate Interactions for Asthma and COPD	Tuesday, May 20 1:30-4:15 pm
RNS	D6	Finding a Home for Portable Monitor Testing in Sleep Apnea	Wednesday, May 21 8:15-11:00 am
PED	D7	Personalized Medicine: The Future of Asthma Care	Wednesday, May 21 8:15-11:00 am

Patients to Speak at Fourteen Designated ATS International Conference Symposia

ASSEMBLY	SESSION CODE	TITLE	DATE/TIME
CP	D82	Living to Adulthood with Cystic Fibrosis: Current Concepts in Disease Management	Wednesday, May 21 1:30-4:15 pm
BS	D85	Asthma Severity vs. Asthma Control: What Should we Use in Clinical Practice? A Pro/Con Debate	Wednesday, May 21 1:30-4:15 pm

ATS PAR Symposium

The ATS Public Advisory Roundtable (PAR) is pleased to announce the seventh ATS PAR Symposium to be presented at the ATS International Conference in Toronto on Tuesday, May 20th from 8:15-11:00 a.m. The topic will be "Rebuilding the Pulmonary Patient - From Laboratory to Lifestyle" chaired by John E. Heffner, MD and Donna J. Appell, RN. The program includes the following:

- ◆ Reevaluation, Rehabilitation and Resiliency: An Alpha-1 Patient's Journey from Diagnosis and Lung Transplant to Today -Len Geiger, Jacksonville, FL
- ◆ Cellular and Molecular Strategies for Rebuilding the Lungs of the Pulmonary Patient - Dan Weiss, MD, Burlington, VT
- ◆ The Role of Inflammation as a Limiting Factor in Pulmonary Rehabilitation - Annemie Schols, MD, Maastricht, The Netherlands
- ◆ Targeting Skeletal Muscles in Pulmonary Rehabilitation" - Francois Maltais, MD, Ancienne-Lorette, QC Canada
- ◆ Strategies for Post-Hospital Rehabilitation After Critical Illness - Margaret Herridge, MD Toronto, ON Canada
- ◆ Benefits of Pulmonary Rehabilitation on the Critical Care Patient: My Top 10 List" - Dee Storey, Saginaw,
- ◆ The New Evidence Base for Rehabilitation in Chronic Respiratory Disease - Andrew Ries, MD, San Diego, CA
- ◆ Putting the Patient in Charge: the Benefits of Self-Management Education- Jean Bourbeau, MD, Montreal, QC Canada
- ◆ Disease Modification Strategies in Chronic Lung Disease: Implications for Pulmonary Rehabilitation - Bartolome Celli, MD, Wellesley, MA

The ATS PAR Annual Poster Session will be open from Sunday, May 18 until Tuesday, May 20, 2008 in the Exhibit Hall of the Metro Toronto 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 Second 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 pulmonary rehabilitation and its benefits.

Panel Includes:

Roger S. Goldstein, MD, Richard ZuWallack, MD
Suzanne C. Lareau, RN, MS, FAAN, Len Geiger

If you have any patients in the Toronto 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 17th, 2008, 1:00 p.m. - 4:00 p.m.

The Sheraton Centre Toronto Hotel located at 123 Queen Street West Toronto, Canada
RSVP by: March 31st, 2008 by emailing par@thoracic.org or call Karen Belgiovine at (212) 315-8640

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 newly launched program, send an e-mail to fellows@thoracic.org or visit the ATS Web site at www.thoracic.org 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.

CRITICAL CARE
ASSEMBLY MEMBERSHIP MEETING

MONDAY MAY 19TH 4:30-6:30 PM
SHERATON CENTRE TORONTO HOTEL
ESSEX BALLROOM (MEZZANINE)