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Pulmonary Circulation

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MESSAGE FROM THE ASSEMBLY CHAIR

Welcome to the Pulmonary Circulation (PC) Assembly Newsletter. As you know, this year's International Conference will be held May 19-24 in Washington D.C. We are excited that you are a part of our Assembly, and we openly invite newcomers to join our efforts in advancing understanding of the pulmonary, bronchial, and lymphatic circulations. You will see that our group is dynamic and active. PC members possess a wide range of expertise, from vascular cell and molecular biology to vertically integrated models of lung vascular disease. We study physiological and pathophysiological principles of vascular function, and address how the circulation impacts cardiac function. We study lung vascular development, and the influence of congenital defects on lung vascular function. We examine how the pulmonary circulation(s) impacts gas exchange. Studies utilize animal models of disease, and translate basic science findings into innovative clinical trials that address outcomes, biomarkers of disease, diagnostic approaches, therapeutic interventions and drug development. Our members discover mechanisms of pulmonary vascular disease, and they lead the way forward in defining better ways to deliver the highest quality of pulmonary and critical care.



Troy Stevens, PhD

Every year the PC Assembly hosts a Membership Meeting. This year's meeting will be held on Monday May 22 in the Renaissance Washington Downtown in the Grand Ballroom North on the Ballroom Level. The meeting will begin at 5:00 PM with drinks and hors d'oeuvres. This is a great time to socialize with friends and colleagues, to meet new people, and to introduce trainees and junior faculty to long-time members of the Assembly. It is important to attend the meeting, and be a part of the people who share your professional interests and passions. We look forward to seeing you there.

The formal PC Assembly meeting will begin at 5:30 PM. We strive to limit the formal meeting to an hour, knowing that your time is valuable. We have a lot to accomplish in the allocated time. Updates on Assembly progress will be summarized, and we will present numerous awards to new and long-standing members. Some of these award highlights include the presentation of Scholarship awards, the Early Career Research Achievement award, the Leadership award and the Grover Prize. These formal recognitions of achievement represent our way of saying thanks to some of the many hard working members who are making a difference in our field.

(Continued on p age2)

MESSAGE FROM THE ASSEMBLY CHAIR (Continued)

The PC Assembly has recently introduced a mentoring program. The PC Assembly Executive committee discussed the merits of this program at length, and we are hoping that its implementation will serve as an effective way of helping trainees, and even junior faculty, navigate through the ATS International meeting and also through the formative stages of their career development.

You will see from the sections that follow, our Assembly has many ways for you to be an active participant. The various offices and committees can be found online at: <http://www.thoracic.org/members/assemblies/assemblies/pc/officers-committees/>. You can contact any of the listed participants to learn how you can get involved. Participation in our regularly scheduled Journal Club is a first step. This is an excellent format to learn from recently publicized basic and clinical science articles. Also note the 2017 Grover Conference on the Pulmonary Circulation is soon to be announced. This year's conference will be led by Dr. Konstantin Birukov, entitled *Endothelium at the frontline of Vascular Pathobiology and Therapeutic Targeting in Lung Vascular Disease*. The Grover Conference is held at a dude ranch in Sedalia, Colorado. Not only is the science and collegiality top-notch, the venue for a scientific meeting cannot be beat.

On behalf of the PC Assembly, I encourage you to be a part of our dynamic group. I look forward to seeing you in Washington D.C. in May.

PLANNING COMMITTEE REPORT

Steven M. Dudek, MD, Chair

The Planning Committee is charged with developing long range plans for the PC Assembly and serving as an executive body to the Assembly Chair and Assembly members. The Planning Committee is comprised of the Committee Chair, appointed by the PC Assembly Chair, and at least 10-12 other members of the Assembly who are appointed by the Planning Committee Chair and generally represent a mix of junior and senior individuals interested in participating in Assembly organizational activities. A primary responsibility of the Planning Committee is to review and prioritize the development of Assembly Projects, which can range from Clinical Practice Guidelines to Workshop reports from scientific meetings of relevance to the PC Assembly. These projects have the potential for significant impact since most official documents of the ATS are derived from this process.

The following PC Assembly projects were supported by the PC Planning Committee and approved for funding and support by the ATS Board of Directors for 2017:

Project renewals

Assessment of the Failing Right Ventricle in the Research Setting - Current Approaches and Knowledge Gaps. Research Statement: Lead proposer—Tim Lahm

Health Equality for Patients with Pulmonary Arterial Hypertension: A Blueprint for Action. Research/Policy statement: Lead proposer—Vinicio de Jesus Perez

New project

ATS Workshop on Clinical and Research Priorities in Sickle Cell Lung Disease. Lead proposer—Sara Sadreameli
(The primary assembly for this project is Pediatrics. PC is secondary.)

A major goal of the Planning Committee is to increase the number of project proposals submitted by our PC Assembly. These projects provide a valuable service to both the ATS and to the professional community as a whole, and they represent an impactful way for shaping important clinical and research issues relevant to our areas of expertise. The development of strong proposals will increase our profile within the ATS and allow PC members to increase their visibility within the Society.

We will be discussing ideas for new project submissions during a lunchtime meeting of the PC Planning Committee on Sunday May 21 at the ATS International Conference. Please feel free to submit your ideas for new projects to me prior to this meeting (sduded@uic.edu), or let me know if you would like to attend the Committee meeting to discuss your ideas in person. Official submission of Assembly projects will occur via the ATS website during this summer, but your prospects for success likely will be increased by receiving initial feedback from the Planning Committee prior to submission. An important point to remember is that in order to obtain funding support and approval from the ATS Board of Directors, projects must result in an official ATS document that will be published in one of the ATS journals. **We encourage all PC Assembly members to consider participating in these important projects.**

Another major function of the PC Planning Committee is the review and selection of proposals for the **Grover Conference**, which is the longest-standing conference devoted to the Pulmonary Circulation and the premier ATS-related forum for expert discussion of topics relevant to pulmonary vascular function. Its relatively small groups of attendees and highly focused topics facilitate maximal contact for scientific discourse. The 17th Grover Conference will be held this September in Colorado and is entitled “**Endothelium at the frontline of Vascular Pathobiology and Therapeutic Targeting in Lung Vascular Disease**”. The organizing committee, chaired by Konstantin Birukov, has been hard at work putting together an exciting conference. Details will be announced soon concerning the full schedule of activities and registration information.

PROGRAM COMMITTEE REPORT

Steven M. Kawut, MD, MS, Chair, and Anna Hennes, MD, Chair-Elect

The PC Assembly Programming Committee has been led this year by Anna R. Hennes, MD who, with the help of Chair-elect Tim Lahm, MD and the other outstanding committee members, has worked diligently to produce an truly spectacular program at the ATS International Conference. There will be an assortment of core topics presented by both early career and established investigators of the PC Assembly, led by both US and international experts. Scientific Symposia will include a pro-con debate on PAH pathogenesis, a in depth discussion of the neurohormonal axis on the RV, precision medicine in PAH, clinical care of the patient with PE and inducible pluripotent stem cells in lung disease.

Selected abstracts have been arranged into a variety of mini-symposia, poster discussion sessions, and thematic poster sessions. Mini-symposia will include oral presentations on a wide variety of important topics related to the pulmonary circulation including genetics, RV function, imaging, clinical studies, and inflammation in pulmonary vascular disease. Poster discussion sessions will include half-day sessions on diverse topics such as pulmonary embolism, exercise, novel phenotypes and prognostication as well as molecular studies in pulmonary hypertension, right ventricle – pulmonary vascular interactions, inflammation, hypoxia, endothelial barrier function, and pulmonary embolism. Thematic poster sessions will complement these diverse topics with a wide range of basic science, clinical, and translational research being presented throughout the conference. There are a number of postgraduate courses available this year including one focused on the critical care of the patient with pulmonary vascular disease. We encourage our early career investigators to take part in all of these exciting programs which have been developed by our outstanding PC members.

We would like to thank everyone who submitted abstracts to the PC Assembly and appreciate those who have designed and will moderate our sessions. We would also like to thank the entire Program Committee for all of their hard work this year. The quality and diversity of the offerings from the PC Assembly this year at the International Conference are a testament to the high quality of science being performed by our assembly members and the hard work of the Program Committee. We look forward to see you and engaging in some great discussion in Washington, DC!

ATS 2017 INTERNATIONAL CONFERENCE SESSIONS SPONSORED BY THE ASSEMBLY ON PULMONARY CIRCULATION

Session Code	Session Title	Session Time	
Postgraduate Courses			
Saturday, May 20, 2017			
PG19	CRITICAL CARE OF THE PATIENT WITH PULMONARY VASCULAR DISEASE	8:00 AM	4:00 PM
Scientific Symposia			
Sunday, May 21, 2017			
A8	A PRO/CON DEBATE: CONTROVERSIES IN PAH PATHOGENESIS	9:15 AM	11:15 AM
A88	SEX, SUGAR, SALT AND STRESS: NEUROHORMONAL SIGNALING AS A NOVEL THERAPEUTIC TARGET IN RIGHT VENTRICULAR FAILURE	2:15 PM	4:15 PM
Monday, May 22, 2017			
B90	DISCUSSION AND DEBATE IN THE MANAGEMENT OF PULMONARY EMBOLISM	2:15 PM	4:15 PM
Tuesday, May 23, 2017			
C8	PRECISION MEDICINE IN PULMONARY VASCULAR DISEASES: ARE WE READY FOR THE FUTURE?	9:15 AM	11:15 AM
Wednesday, May 24, 2017			
D88	LIFE IN THE FAST LANE: USE OF PLURIPOTENT STEM CELLS IN PULMONARY DISEASE	1:30 PM	3:30 PM
Jointly-Developed Symposia			
Monday, May 22, 2017			
B91	IMPLEMENTATION SCIENCE IN PULMONARY, CRITICAL CARE, SLEEP AND PEDIATRIC MEDICINE: HOW SOON IS NOW?	2:15 PM	4:15 PM
Sunrise Seminars			
Monday, May 22, 2017			
SS114	WHO'S WHO? RECOGNIZING THE MANY FACES OF PULMONARY HYPERTENSION	7:00 AM	8:00 AM
Tuesday, May 23, 2017			
SS214	THE BIG CLOT: HEMODYNAMICS, RISK STRATIFICATION AND TREATMENT OF MAJOR PULMONARY EMBOLISM	7:00 AM	8:00 AM
Wednesday, May 24, 2017			
SS314	ADVANCED HEMODYNAMIC INTERROGATION OF THE PULMONARY CIRCULATION	7:00 AM	8:00 AM
Mini-Symposia			
Sunday, May 21, 2017			
A18	U GOT THE LOOK: DRUGS, TOXINS, GENES AND RISK ASSESSMENT IN PULMONARY HYPERTENSION	9:15 AM	11:15 AM
Monday, May 22, 2017			
B96	NEW POWER GENERATION: CELLS, SEX HORMONES AND IMAGING IN PULMONARY VASCULAR DISEASE	2:15 PM	4:15 PM

Session Code	Session Title	Session Time	
Mini-Symposia			
Tuesday, May 23, 2017			
C98	HOT THINGS: INFLAMMATION, REMODELING, AND SYSTEMIC DISEASE IN PULMONARY HYPERTENSION	2:15 PM	4:15 PM
Wednesday, May 24, 2017			
D17	SIGN "O" THE TIMES: DIAGNOSIS AND RISK STRATIFICATION OF PULMONARY HYPERTENSION	9:15 AM	11:15 AM
Poster Discussion Sessions			
Sunday, May 21, 2017			
A108	LITTLE RED CLOT: NEW FRONTIERS IN THE MANAGEMENT OF ACUTE AND CHRONIC THROMBOEMBOLIC DISEASE	2:15 PM	4:15 PM
Monday, May 22, 2017			
B28	LET'S GO CRAZY: EXERCISE RESPONSES AND PHYSIOLOGICAL ASSESSMENT IN PULMONARY VASCULAR DISEASE	9:15 AM	11:15 AM
Tuesday, May 23, 2017			
C27	LET'S PRETEND WE'RE MARRIED: THE RIGHT VENTRICLE AND THE PULMONARY VASCULATURE	9:15 AM	11:15 AM
C106	MONEY DON'T MATTER TONIGHT: PULMONARY HYPERTENSION ASSESSMENT, PROGNOSTICATION, AND TREATMENT	2:15 PM	4:15 PM
Wednesday, May 24, 2017			
D27	I WANNA BE YOUR ... NOVEL MECHANISTIC INSIGHT INTO PULMONARY VASCULAR DISEASE	9:15 AM	11:15 AM
D107	DIAMONDS AND PEARLS: PULMONARY HYPERTENSION PHENOTYPES	1:30 PM	3:30 PM
Thematic Poster Sessions			
Sunday, May 21, 2017			
A67	BREAKDOWN: THE CELLULAR CONTRIBUTION TO PULMONARY HYPERTENSION	9:15 AM	4:15 PM
A68	WOW: PHARMACOLOGICAL TREATMENT OF PULMONARY HYPERTENSION	9:15 AM	4:15 PM
A69	LET IT GO: CONTROVERSIES IN THROMBOEMBOLIC DISEASE	9:15 AM	4:15 PM
Monday, May 22, 2017			
B70	MY NAME IS ... PULMONARY VASCULAR DISEASE CASE REPORTS	9:15 AM	4:15 PM
B71	PULMONARY HYPERTENSION LIFE: ANIMAL MODELS AND EX VIVO STUDIES IN PULMONARY HYPERTENSION	9:15 AM	4:15 PM
B72	OTHERS HERE WITH US: CLINICAL FEATURES OF PULMONARY VASCULAR DISEASE I	9:15 AM	4:15 PM
Tuesday, May 23, 2017			
C69	CONTROVERSY: ASSESSING AND TREATING THE FAILING RIGHT VENTRICLE	9:15 AM	4:15 PM
C70	CALL MY NAME: CASE REPORTS IN PULMONARY VASCULAR DISEASE	9:15 AM	4:15 PM
C71	CRYSTAL BALL: CLINICAL FEATURES OF PULMONARY VASCULAR DISEASE II	9:15 AM	4:15 PM

WEB DIRECTOR UPDATE

Dustin Fraidenburg, MD, Roberto Machado, MD, Co-Web Directors

We continue to work on improving the design and content of the PC assembly website. The “What’s New” and “Featured” sections are regularly updated to highlight unique content from PC assembly members and PC related content on the ATS website. We encourage PC members to contact us if there is content that you feel should be highlighted on the website. The PC assembly, and the entire ATS community, is focused on increasing our recurring content on the web including interesting clinical cases, critical care “quick hits” for teaching hemodynamic tracings, and a new podcast series with a PC focus. We look forward to developing these in the coming year. The PC assembly journal club has continued to feature high impact articles in our field and is a great platform for early career investigators and clinicians to be involved in the PC assembly. These journal clubs are given as text-based summaries, complete with expert commentary from leaders in our field, as well as live webinars that include moderators, journal authors, and expert commentators. These interactive journal clubs are open to participation from all of our PC assembly members and the entire ATS community, as well as being available as a recording if you are unable to participate in the live webinar. We encourage submissions for potential articles or topics for the future and this is a great way for early career professionals to build their CV. Please feel free to contact one of the journal club editors, Drs. Matt Lammi, Kara Goss, Heather Jones, or Jason Elinoff with your ideas. The social media presence of ATS has continued to grow with more than 95,000 followers on Facebook and more than 14,000 followers on twitter for the ATS community. A new Instagram page has been established and we urge all of our members to follow @ATScommunity on these platforms which are updated frequently with new and interesting content related to pulmonary, critical care, and sleep medicine. We encourage you to check out the latest from our website, journal club, and social media sites. As always, please feel free to contact us (dfraiden@uic.edu) if you have content to share or are interested in being part of the website committee.

Assembly on Pulmonary Circulation Membership Meeting

Monday, May 22nd

5:00pm - 7:00 pm

Renaissance Washington Downtown

*Grand Ballroom North
Ballroom Level*

Be sure to follow us at [@ATS_Assemblies](https://twitter.com/ATS_Assemblies) for news on webinars, deadlines, and other things you might have missed in your inbox!



Meet Your Mentor HERE!



Struggling to find a quiet location to meet with your mentor? Look no further! This year at the 2017 ATS International Conference in Washington, DC, the Assembly Mentoring Programs is offering a meeting spot exclusively for mentors and mentee to meet.

The Assembly Mentoring Programs' Meeting spot will be located in the Renaissance, Washington DC Hotel in the Carnegie room on the (Ballroom Level). The room will be available from:

Friday May 19th to Tuesday May 23rd between 7AM. to 7PM

Light snacks and beverages will be offered throughout the day. Laptops and printers will be made available for use and don't forget to pick up your Assembly Mentoring Program Ribbon and Pin!

We hope you can join us at the Assembly Mentoring Program's Meeting spot!

Interested in joining a mentoring program? Visit our Assemblies homepage and click on ATS Mentoring Program to learn more or contact Melinda Garcia at mgarcia@thoracic.org

Submit an Assembly/Committee Project Application for funding in FY2018!

We are happy to announce that ATS will once again accept NEW Assembly/Committee Projects for FY2018. 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.

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 Eric P. Schmidt, MD at eric.schmidt@ucdenver.edu.

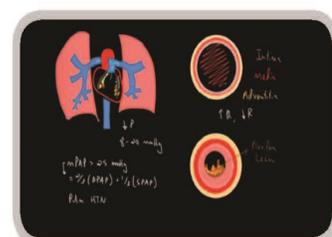
For questions regarding submissions please contact Miriam Rodriguez at tel: 212/315-8639 or email: mrodriguez@thoracic.org.

Best of ATS Video Lecture Series (BAVLS)

Do you have an amazing teaching video that you want to share with the world?
Then consider submitting to the Best of ATS Video Lecture Series (BAVLS).

For more information, please visit

<http://www.thoracic.org/professionals/clinical-resources/video-lecture-series/>



PROGRAMS AND SPECIAL EVENTS FOR EARLY CAREER PROFESSIONALS

Networking Exchange For Early Career Professionals

Saturday, May 20, 2017; 5:30-6:30 p.m.

Marriott Marquis • Washington D.C. University of DC/Catholic University (Level M1)

Free to all conference attendees

Attend a Workshop in the Center for Career (CCD)

Sunday, May 21 –Tuesday, May 23, 2017; 7:00 a.m. – 5:00 p.m.

Walter E. Washington Convention Center Hall D, (Middle Building, Level 2)

VISIT THE CCD TO PICK UP A ROAD MAP TODAY!



Washington, DC
May 19-May 24
conference.thoracic.org

ANNOUNCING ATS FOUNDATION RESEARCH PROGRAM 2017-2018 GRANT CYCLE

The Research Program is excited to announce that it is now accepting letters of intent! In 2017, the Research Program has increased the number of available Unrestricted Grants for early career investigators. In addition to 15 Unrestricted Grants, the portfolio offers grants with Alpha-1 Foundation, American Lung Association of the Mountain Pacific, Hermansky-Pudlak Syndrome Network, ResMed, PCD Foundation, Pulmonary Hypertension Association, and the ATS Foundation Tobacco-Dependence Research Fund, and 4 MECOR Awards. The deadline for letters of intent is June 6, 2017.

For more information on the current opportunities, please visit thoracic.org/go/researchgrants.

ATS Membership Matters



Tell us!

As an ATS Assembly member your experience is central to inspiring others to join or renew their membership. **Tell us why ATS membership matters to you! What is its value to you?**

Send a sentence or two, or even a punchy quote, to MemberValue@Thoracic.org. We appreciate hearing from you within three weeks of the date of this newsletter. Be sure to provide your name, the name of your institution, city and state/country. We may use your quote in a future membership promotion!

Did you know that as an ATS member you:

- Receive a discount of **20%** (average) on education products at the ATS Store?
- Benefit from **FREE** ABIM and ABP MOC self-assessment products?
- Have access to **NEW member benefits** that include:
 - Significant discounts on Springer respiratory books (print copies), and FREE online access to this book series,
 - Copies of our new ATS pocket guidelines.

Save \$1,200 – or more – per year on ATS products and services over nonmember rates.

See why [members love the ATS!](#)

Assembly Members: Help Us to Help You!

Have you:

- ◇ Moved?
- ◇ Changed your title?
- ◇ Added a new specialty, credential or other information?
- ◇ Or perhaps we just do not have a complete profile for you!

Please take a minute to update your contact information, assembly affiliations, and demographic profile today. And now you can also upload your PHOTO to your member profile!

Log in: <https://www.thoracic.org/login/ats-member-login.php>

By keeping your profile current, you help us provide programs and services that are most targeted to you.

ATS 2017 Exhibitors Doing Fundraisers for ATS Foundation

Actelion Pharmaceuticals US, Inc. in Booth 525

Actelion Pharmaceuticals, Inc. will donate \$25 for each attendee who takes part in their "Join the Conversation" digital graffiti activity. They have pledged a maximum donation of \$25,000.

AstraZeneca in Booth 637

AstraZeneca will donate \$5 for each attendee who completes their activity. They have pledged a maximum donation of \$7,500.

Vitalograph, Inc. in Booth 1630

Vitalograph, Inc. will donate \$1 for each attendee who completes their respiratory quiz. They have pledged a maximum donation of \$100



ATS BEAR Cage

(Building Education to Advance Research)

Sunday, May 21, 2017

2pm – 4pm

Center for Career Development

Walter E. Washington Convention Center, Hall

D, (Middle Building, Level 2)

Hosted by the ATS Drug Device Discovery and Development (DDDD) Committee, the 3rd Annual BEAR Cage (Building Education to Advance Research) competition encouraged early career investigators to submit an innovative clinical or translational research proposal for the opportunity to participate in the live event at ATS 2017. Join us to see the top three finalists competitively "pitch" their proposals to a panel of translational science experts representing academia, industry, and governmental sectors. Come support and cheer on the finalists as they compete for the \$5,000 grand prize! All are encouraged and welcome to attend. For more information, please contact DDDD@thoracic.org.

2017 BEAR Cage Finalists

Marcus Y. Chen, MD

National Heart, Lung, and
Blood Institute (NHLBI)

Chest CT at Chest X-ray Radiation Dose

Sanghyuk Shin, PhD

UCLA Fielding School of Public Health

Unmasking Resistance: Impact of Low-frequency Drug-Resistance on Molecular Diagnosis of Drug-Resistant Tuberculosis

Prema R. Menon, MD, PhD

University of Vermont Medical Center

Communicating with Mechanically Ventilated Patients

Cough

When air passes out through our voice box with force, a sound is made that we all recognize as a "cough". The act of coughing usually begins with a deep breath in, followed by air leaving the mouth with force. A cough is your body's way of preventing material from entering your breathing tubes (airways) and clearing mucus or foreign material from your airways. Cough is the most common complaint for which patients seek medical care.



A cough is not a disease, but can be a common symptom of different upper and lower respiratory tract diseases. Even if you do not have a lung disease, you may cough.

What causes a cough?

A cough can happen when something irritates your nerve endings. Labeled cough receptors. These nerve endings are in many areas inside your body, from your head and neck area, to just above your navel (belly button). Inhaling particles, vapors, smokes, fumes, dust, or cold air may irritate these receptors and may make you cough.

Can a cough spread infection?

Cough can be a way of spreading infection to others. Infection (the flu) and tuberculosis (TB) are examples of infections that can be spread by coughing infected droplets into the air. While a cold virus (the common cold) can be passed on to others by coughing, cold viruses are much more likely to be spread to others by hand-to-hand contact. Hand-to-hand contact is when you shake hands with someone who has the infection or touch something that has the cold virus on it and then your touch your nose or eyes.

To help decrease the spread of infection, you should:

- Cover your mouth and nose with a tissue when coughing or sneezing. You don't want to spread germs to others.
- When a tissue is not available, cough or sneeze into your upper sleeve or elbow, not your hands.
- Dispose of used tissues into a waste basket.
- Avoid spitting as it can cause a risk that may infect others.
- Ask for and wear a facemask when visiting a healthcare facility if you are coughing or have cold symptoms.
- Wash your hands often and for at least 30 seconds using soap and water.
- Use an alcohol-based hand rub (sanitizer) when soap and water are not available.

Is there anything special that I should know about my cough?

If you have a cough, keep track of how long you have been

that provides vomiting is called pertussis (whooping cough). Such a cough-variant syndrome, according to the CDC, should alert one to the possibility of pertussis. For more information on whooping cough, see the ATS patient information series piece "Pertussis" at www.thoracic.org/patient.

Acute, Sub-acute and Chronic Cough

There are three time periods to use as you describe how long you have had your cough: acute (lasts less than 3 weeks), sub-acute (lasts 3 to 8 weeks) or chronic (lasts more than 8 weeks and does not let up).

● An acute cough is most often caused by the common cold. This cough usually starts to improve by the third to fifth day. Cough from the common cold usually is not a serious threat to health and usually does not last longer than 3-4 days.

People with a cold typically also complain of nasal stuffiness, runny nose, throat clearing, and a sore or scratchy throat. They also may feel like they have mucus dripping down the back of their throat. Acute cough can also be due to inhaling irritants such as pollen or strong fumes. Cough may be the first symptom of inadequate control of asthma. Less commonly, an acute cough can be due to more serious conditions such as pneumonia or heart failure.

● A sub-acute cough most commonly happens after a respiratory infection (often from a virus). Other common reasons for a sub-acute cough are whooping cough (pertussis) and flare-ups of conditions such as asthma, chronic bronchitis, sinusitis or bronchiectasis. When a cough starts to get better but then worsens, you should see your healthcare provider.

● A chronic cough can happen to you for many reasons. Often, it is a combination of reasons that explain why you are coughing. Chronic cough can happen from upper airway conditions such as inflammation (swelling) of the membranes inside the nose (rhinitis) and sinuses (sinusitis) as a result of allergies or infections or from poorly controlled asthma. Cigarette smoking can cause chronic bronchitis and result

Patient Education Materials Available at the 2017 International Conference

The ATS now maintains over 100 patient education handouts as part of its Patient Information Series. The Series includes a wide variety of pulmonary/critical care/sleep and public health topics including: Bronchoscopy, Pneumonia, Mechanical Ventilation, Oxygen Therapy, Asthma, COPD, PFTs, Sleep Testing, Lung Cancer, VCD, TB, Emergency/Disaster, and Palliative Care. All pieces are available in English and many available in other languages, such as Spanish and Portuguese.

In addition to the Patient Information Series, a new Lung Cancer Screening Decision Aid is now available for free on the ATS Website, with bulk copies available for purchase.

All are encouraged to use these free-access materials, which are published in the ARJCCM, posted on the ATS Website at www.thoracic.org/patients and can be provided upon request in alternative formats for EMR systems. Stop by the ATS Center in Washington, D.C. to view copies of these materials. Contact Judy Corn, ATS Staff, at jcorn@thoracic.org for additional information or to suggest new topics.

Official ATS Documents: Informational Opportunities at the 2017 ATS International Conference in Washington, D.C.

If you're developing or interested in developing an Official ATS Document (Statements, Clinical Practice Guidelines, Workshop Reports, or Technical Standards), please consider attending one or more of these opportunities while you are in Washington, D.C. at the ATS International Conference:

- Documents Development & Implementation Committee (DDIC) Workshop/Meeting: Friday, May 19th from 6-9 PM, Renaissance Washington Downtown, Meeting Room 8-9. This session is **required** for all Guideline Panel Chairs and Chairs of new non-guideline projects. The session is **recommended** for Chairs of ongoing non-guideline projects. Please RSVP to John Harmon at jharmon@thoracic.org if you have not already done so. Note: CPG Chairs are required to provide a brief verbal update at this session.
 - ⇒ 6-7 PM – Presentations by DDIC members about the Official Document types, methodological requirements for each, and other practical issues (e.g., conflict of interest management, review, and approval); a light dinner will be served.
 - ⇒ 7-9 PM – Current Guideline Chairs (or their designees) will give progress reports and then troubleshoot informally with DDIC members and ATS staff. New Guideline Chairs will have the opportunity to listen to these reports and learn about the "trials and tribulations" of guideline development from experienced peers.
- Ad Hoc meetings: Whether you are developing or want to develop an official ATS document, you can schedule an appointment with Dr. Kevin Wilson (ATS Documents Editor) or Dr. Jan Brozek (ATS Methodologist). To schedule a meeting, email Kevin Wilson at kwilson@thoracic.org or Jan Brozek at brozekj@mcmaster.ca.
- Documents Meeting Space: Meeting space will be available to document developers from Sunday-Wednesday; contact Kimberly Lawrence at klawrence@thoracic.org for additional details.
- Guideline Methodology Training Program Information Session: Monday, May 22nd from 7-8:30 PM, Renaissance Washington Downtown, Meeting Rooms 12-13-14. Anyone who is interested in learning more about this new training program is welcome to attend. A brief description of the program will be provided, followed by time for questions and answers. A light dinner will be served. RSVP to kwilson@thoracic.org is required. Space is limited.
- Meet the Professors: A Meet the Professors Session entitled "Official ATS Documents: How to Get Involved" is being hosted by Dr. Raed Dweik (Chair of the Documents Development and Implementation Committee) and Dr. Kevin Wilson (ATS Documents Editor) on Tuesday, May 23rd from 12:15 until 1:15 pm. Registration is available through the Conference Registration Website.

ATS Assembly Members Give Generously to the ATS Foundation

Thank you for participating in the [2016 ATS Assembly Challenge](#)!

The annual challenge taps into the grassroots community — and competitive spirit — of the ATS assemblies in support of the ATS Foundation. This was the closest Challenge yet!



Eileen G. Collins, PhD, chair for the Assembly on Nursing, receives Nursing’s Assembly Challenge award from Dean Schraufnagel, MD, ATS Foundation Chair



Irina Petrache, MD, chair for the Assembly on Respiratory Cell & Molecular Biology, receives RCMB’s Assembly Challenge award from Dean Schraufnagel, MD, ATS Foundation Chair

The results are: the Assembly on **Respiratory Cell and Molecular Biology** raised the most dollars with \$94,718; **Nursing** had the highest member participation with 20.49 percent; **Allergy Immunology & Inflammation** had the highest number of first-time givers in December with seven new donors.

Many members made gifts supporting the [Research Program](#) and other core programs in the final days of 2016. There was tremendous energy around the Challenge this year, with assembly chairs crafting special messages to their members. Most chairs sent two or more personal emails to their members during the Challenge.

Congratulations to the Respiratory Cell & Molecular Biology, Nursing, and Allergy Immunology & Inflammation assemblies! They will receive special recognition in ATS communications, at ATS 2017, and within their own assemblies.

The ATS Foundation would like to thank all ATS assemblies for their outreach and generosity during the Challenge. You provided a big boost to Foundation year-end giving campaigns—and a boost to our upcoming grant-making capacity for talented investigators. Thank you for your enthusiastic support!



Mitchell A. Olman, MD, chair for the Assembly on Allergy Immunology & Inflammation, receives All’s Assembly Challenge award from Dean Schraufnagel, MD, ATS Foundation Chair

Truly, your energy, creativity, and participation were outstanding. Thank you for everything you do for the ATS, the Foundation, young investigators, patients, and respiratory health worldwide.

To learn more about the ATS Foundation or to make a gift, visit foundation.thoracic.org.