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Sign up a new ISAM member and get an ISAM Sweatshirt from the 17th Congress in Monterey

Quantities are limited so sign up a new member today

17th International Congress a Great Success Terry Sweeney

The 17th International Congress was held in the beautiful setting of Monterey, California from May 10th to the 14th. Despite tight economic times and the H1N1 pandemic, 326 scientists from around the world attended. The poster and exhibition area was very active with well over 100 posters and 20 exhibitors.

Preconference “hands on” workshops on Basics of Aerosol Technology for Respiratory Drug Delivery and Aerosol Instrumentation Workshop; as well as Essentials of Inhalation Toxicology were well attended with over 130 attendees. Feedback from all three workshops was excellent and the interest level speaks to a desire for more inexpensive educational opportunities on specific topics above and beyond the conference program. Kudos to Jim Fink, Reinhard Vehring, Andrew Bosco, Nani Kadrichu, and Ron Wolff for organizing the workshops.



We thank all of the excellent speakers and session organizers for helping to make this ‘one of the best ISAM conferences ever.’ After an opening talk by Dr. Michael Matthay on Acute Lung Injury, the talks ranged from aerosols in the ICU, infectious disease, lung can-



ISAM Presidents: Mike Newhouse, Peter Gehr, Beth Laube, Patrice Diot, Andy Clark, Gerhard Scheuch, Bill Bennett, Paula Anderson and Wolfgang Kreyling

cer, and cystic fibrosis to nanotechnology and regulatory issues, stimulating questions and lively discussion among the participants.

The posters presented a broad array of cutting edge research representing the best and brightest of our organization, from academics to industry. The exhibits and technology showcase highlighted a broad range of technology and new developments.

The first meeting of ISAM networking groups were well attended and fostered a good deal of con-

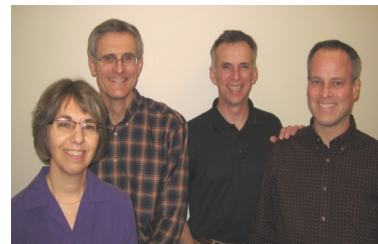
structive commentary (see article this issue).

The social program included continental breakfast and coffee breaks, wine and cheese at the poster viewings and during the technology showcase. The

main social event was a strolling dinner at the fabulous Monterey Bay Aquarium (see photos below).

None of these events or the program could have occurred without the fantastic support from our generous sponsors and exhibitors.

Thanks to everyone who participated in the 2009 conference for helping to make it a great success.



The 2009 organizing committee: Terry Sweeney, Jim Blanchard, Ralph Niven and David Cipolla.

A great team producing a wonderful Congress.

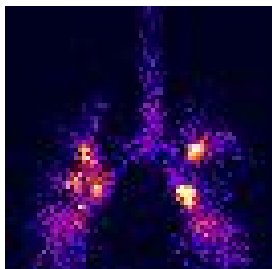
ISAM AWARDS 2009—Mark Everard

One of the great strengths of ISAM as a Society is the mix of expertise and interests amongst its members. This was highlighted by the range of topics covered during the excellent Congress ranging from aerosolised vaccination campaigns for infants in the third world to nanotoxicology and the importance of biofilms in resistance to inhaled antibiotics. This was further emphasised by the diverse but inter-related fields of research undertaken by those receiving ISAM awards in Monterey. Every two years the awards committee has the challenging task of determining recipients of the awards presented at the bi-annual congress. The task was particularly challenging due to the very high quality of those nominated. This was true in all categories though there was a particularly strong showing amongst the younger members which argues well for the future of the Society.

The student prize was won by Shayna McGill who is completing her PhD in the Division of Pharmaceutical Sciences, University of New Mexico. Her thesis has focused on developing an understanding of the mechanisms by



which superparamagnetic iron oxide nanoparticles (SPIONs) could enhance drug delivery through extracellular barriers within the lung.



Jennifer Burchell, in the face of some very stiff competition from some of the more senior members of the society, was awarded the Best Oral Presentation award for her work studying the potential for attenuation of allergen induced bronchial reactivity by regulatory T cells and dendritic cells. Jennifer has recently taken up a post doctoral Research Fellow post in Perth.



From amongst a very competitive field for the Young Investigator's award Barbara Rothen-Rutishauser was selected for her ground breaking work in developing triple cell co-culture systems used to study the interaction of nanoparticles with cells found in the respiratory tract. Barbara currently leads a research group in the Institute for Anatomy at the University of Bern, Switzerland.



The Thomas T Mercer award, awarded jointly with the AAAR, went to Dieter Koehler, professor of medicine and director of the Fachkrankenhaus Kloster Grafschaft in Schmallingenberg, Germany. His work has largely focused on clinical relevance of deposition, distribution and clearance of aerosols.



Myrna Dolovich received the Career Achievement award having worked tirelessly in the field of aerosol medicine since graduating as Engineer. She has served on the board of ISAM and her research at Firestone Institute of Respiratory Health at McMaster involves investigations into the behaviour of therapeutic aerosols in the lung, with special interest in the measurement of lung deposition and distribution in patients with asthma and COPD, using both 2D and 3D imaging techniques.



The sixth award presented was the Ferin Award which is presented by the ISAM board for outstanding contributions and commitment to ISAM. This year's recipient was Günter Oberdörster from the University of Rochester, New York. Gunter was one of the original ISAM board member and a co-organizer of the first "modern" ISAM Congress in Rochester. A pioneer in aerosol science, his studies with ultrafine particles have influenced the field of inhalation toxicology, raising awareness of the unique biokinetics and toxicological potential of nano-sized particles.



These recipients join a long list of highly talented and productive ISAM award recipients over the past three decades. Congratulations to all the awardees and nominees.

ISAM NETWORKS READY FOR PRIME TIME

The 2009 Congress in Monterey saw the advent of ISAM networking groups. This innovation was in response to feedback from members who felt that there was need for the Society to develop a mechanism through which members to interact and collaborate in the intervals between Congresses. The concept behind the establishment of working groups with specific topic areas is that they should facilitate

- Networking of smaller groups of members with similar interests
- Mentoring of students and junior researchers by members who are well established in the field
- Preparation of guidelines, consensus statements and policy documents relevant to the respective groups.
- Organise ISAM focus symposia on specific topics
- Propose sessions for the biennial ISAM congresses

After a considerable deliberation and consultation, six topic areas were chosen in the first instance and the inaugural meetings were held in Monterey.

These sessions were well attended and a Chair[s] was elected at each session. In order to transform the initial enthusiasm for the concept into a practical reality the ISAM board is working to develop virtual workspaces where members of the networking groups can communicate and develop projects.

Inevitably this will take a little time but it is hoped that these will be up and running by the end of the year.

For those who have not signed up to networking groups that interest them and who wish to do so please feel free to contact the Chairs who's names and contact details are given below. In the first instance the Chairs will be seeking suggestions for themed sessions with suggestions for potential speakers for the Rotterdam Congress of June 2011. While this does seem a long way off the potential structure of the various sessions will be consider in the coming months. Your Chairs would be pleased to hear from you over the next few months and will co-ordinate Please send your symposia proposals via the

form on the website: www.isam2011.com. Click on the link: form symposiumproposals.

Networking group Chairs

New device technologies:

Rajiv Dhand

[dhandr@health.missouri.edu]

Pediatrics and CF:

Ariel Berlinski [berlinskiariel@uams.edu]

Novel and emerging therapies

David Geller [degeller@earthlink.net]

Physiology

Peter Gehr [peter.gehr@ana.unibe.ch]

Chantal Darquenne

[cdarquenne@ucsd.edu]

Environmental

Jeffrey Schroeter

[jschroeter@thehammer.org]

Imaging

Tim Corcoran [corcoran@upmc.edu]

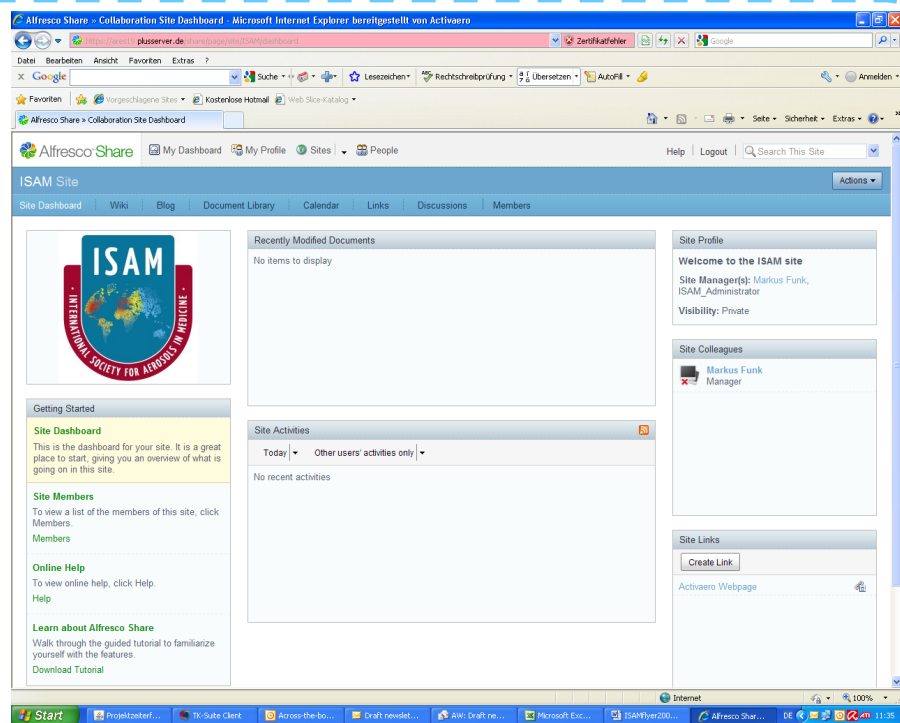
Feedback on the 'Working Groups' proposal may be sent to
meverard@sheffch-tr.trent.nhs.uk

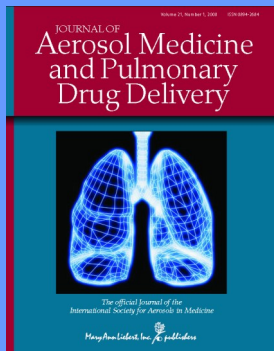
Team Space Coming to ISAM

The Executive Office has developed a Team Space site for ISAM with hopes to streamline communications across members and working groups throughout ISAM.

Team Space will allow the development and posting of discussions, calendars, and interactive working documents to facilitate productive interactions and communications for our international organization.

The initial rollout of Team Space is underway, with the ISAM Officers and BOD members who will work out the kinks in the program, and help prepare a more robust interface available for use by the Networks and other working





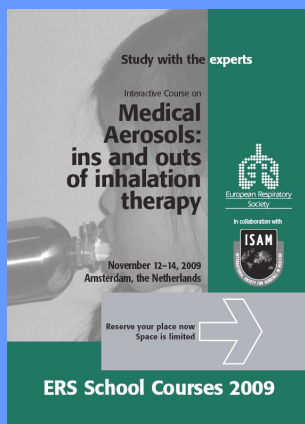
Journal of Aerosol Medicine
14% increase in impact factor!



ERS-ISAM School Course on Medical Aerosols

November 12-14 2009

Amsterdam, The Netherlands



The ISAM 2011 Congress Set for Rotterdam

The 18th Congress of ISAM will convene in Rotterdam, Netherlands, from June 18 –22, 2011. This announcement does not come lightly as the organizers have been making preliminary arrangements over the past two years.

The organizing committee is already busy soliciting input for the 2011 program. For the first time, the program will heavily rely on the input of the newly formed ISAM Networks for direction and suggestions, with areas of interest, topics and speakers.



The 2011 organizing committee members are:

- Prof. dr. Harm Tiddens: Congress president, sponsor affairs
- Dr. Hettie Janssens: Congress vice-president; Liaison ISAM
- Dr. Liesbeth Ruijgrok: Publicity and external relations
- Ir. Carol Teirlinck: Treasurer.
- Prof. dr. Erik Frijlink: Sponsor affairs
- Dr. Ir. Frans de Jongh: Publicity and external relations.

The organising committee is actively seeking sponsors. Please send an email via sponsor@isam2011.com, and we will get in touch with you to discuss the possibilities for sponsor packages.



ISAM2011

Rotterdam The Netherlands

18th Congress of International Society for Aerosols in Medicine

June 18 - 22, 2011

Rotterdam - The Netherlands
Congress Center De Doelen

ERS-ISAM School Course on Medical Aerosols

This 2.5 day interactive course, organized in collaboration of ISAM and ERS, will provide an update on all aspects of aerosol therapy. The organisers are: Hettie Janssens, Beth Laube and Frans de Jongh. Topics include aerosol science, key issues of treating diseased airways, patient related factors influencing efficacy of aerosol therapy, current inhalation devices, specific pharmacokinetic/dynamic issues related to aerosol medicine, aerosols for systemic diseases, nebulization in hospital, regulatory issues and environmental aerosols. In interactive workshops you will have the opportunity to try new inhalation devices, to learn key factors to instruct and monitor technical skills of patients.

Target audience:

- Pulmonologists and Pediatricians with a focus on lung diseases,
- Allied Respiratory Professionals responsible for training and evaluating aerosol therapy in patients,
- CF care givers
- Clinical fellows in training
- Other health care workers with a focus on aerosol medicine
- Industry representatives involved in development or marketing of aerosol devices

Please check the following link for the program and to register:

<http://dev.ersnet.org/917-medical-aerosols.htm>

Thanks again to the 2009 Congress Sponsors!

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Others

AktiveDry, APT Pharmaceuticals, Azopharma, Catalent, Dey Laboratories, Diffusion Techniques Francaise, Discovery Labs, Mannkind, Nanotherapeutics, Pearl Therapeutics, Penn Century

Join us in 2011

send us an email via sponsor@isam2011.com, and we will get in contact with you to discuss the possibilities for sponsor packages

ISAM—ON THE ROAD AGAIN

A busy year for ISAM, as we put our best foot forward to attract interest and new members in a wide variety of professional organization. The ISAM banners have proudly been displayed at:



The European Respiratory Care Association (ERCA) in Stresa, Italy..



The American Thoracic Society in San Diego, CA, USA.,



And most recently the European Respiratory Society (ERS), Vienna, Austria.

If you wish to represent ISAM at your next professional meeting contact Jim Fink (fink.jim@gmail.com) .