

# CROSS-INDUSTRY ORGANIZATIONS

## The Aerosol Society—Bringing academia, research and industry together for more than 30 years

Challenges in aerosol science include controlling airborne pathogen transmission, reducing uncertainties in climate predictions, delivering drugs to the lungs and creating new materials. In addition, the COVID-19 pandemic has placed aerosol science in the public eye as perhaps never before.

For more than 30 years, the Aerosol Society has advanced the understanding of airborne particles. It continues to deliver a series of focused meetings, training events, prizes, grants and the annual conference, Drug Delivery to the Lungs (DDL).

### Plans for DDL2021

Due to the ongoing seriousness of the COVID-19 pandemic, the DDL Committee has again reached the difficult decision to host the Drug Delivery to the Lungs Conference virtually. Therefore, the 32nd conference, DDL2021, will be presented live online from Wednesday, December 8th to Friday, December 10th, 2021.

In 2020, the virtual DDL Christmas Lecture series saw 1,700 registrants from 35 countries attend the three-day virtual meeting, demonstrating that DDL is truly a global conference, available to all. Taking learnings from the Christmas Lectures, the 2021 DDL conference promises to be an engaging event that will offer valuable research on pulmonary drug delivery and appeal to both academia and industry.

### Presentations

This year, the prestigious DDL Annual Lecture will be presented by Dr. Sabine Häussermann. This honor is given to individuals who have contributed much to the field of respiratory science.

DDL2021 will focus on the following themes and contributions for presentations are requested:

- Changing the treatment paradigm in asthma
- The inhaled dose—how much goes where?
- Lessons learnt from treating COVID with therapeutic aerosols
- Targeting the brain and the body via the nose

Live presentations will be given by invited speakers and live FLASH presentations will be selected from submitted conference papers. In addition, a number of on-demand presentations will be selected from the conference paper submissions. Content will be presented in a single stream, enabling attendees to view all of the conference's live content.

Additional highlights will include the New Researcher Network Discussion Forum, The Pat Burnell Young Investigator Competition and the DDL Emerging Scientist Award.

### New Researcher Network Discussion Forum

The 2021 conference will again host the New Researcher Network Discussion Forum. During the Christmas Lectures, the forum attracted a large number of participants, who engaged in lively discussion with a panel of experts. Launched in 2018, the New Researcher Network aims to develop a broad community of early career scientists and facilitate discussion surrounding research ideas and challenges, joint projects, and personal and professional development. New and early career researchers from academia and industry, as well as PhD students, are encouraged to participate in the group, which has expanded to include a LinkedIn networking group.

### The Pat Burnell Young Investigator Competition

Drug Delivery to the Lungs is delighted to announce the return of the Pat Burnell Young Investigator Competition, named in honor of one of the Aerosol Society founders. Finalists for this prestigious award will present virtual, live, platform presentations during DDL2021 and the winner will be named during the conference.

### **The DDL Emerging Scientist Award**

DDL2021 will also feature the DDL Emerging Scientist Award. The winner of this award will have demonstrated significant scientific accomplishment or innovation during the early stages of a career in inhalation science, within 15 years of achieving a PhD. Candidates from across the globe, who conduct research in academia, industry, public service and other scientific establishments are welcome.

### **Complimentary student registration**

Registration costs will be maintained at a level that enables attendance across the inhalation industry, with attendance from academia actively encouraged. Students will continue to enjoy complimentary registration. This provides the next generation of aerosol and drug delivery researchers the opportunity to engage with scientists from across the aerosol and respiratory delivery field, promote their own work and gain experience participating in a large and prestigious conference.

Being a “not for profit” organization, DDL and the Aerosol Society would like to thank the invaluable conference sponsors, without whom they would not be able to present the DDL2021 conference this year.

### **European Aerosol Conference**

The Aerosol Society is also leading the organization of this year’s virtual European Aerosol Conference. This virtual, interactive, live event, hosted by the UK and Ireland Aerosol Society, will take place August 30 to September 3, 2021. For information, visit <https://eac2021.co.uk/>.

### **The Centre for Doctoral Training in Aerosol Science**

In a major boost for UK aerosol science, a consortium of the UK’s leading aerosol science researchers have partnered with 45 industrial and public sector bodies, including the UK and Ireland Aerosol Society, to establish a new Centre for Doctoral Training in Aerosol Science, with funding from the Engineering and Physical Science Research Council (EPSRC). The Centre will seek new solutions to research challenges and support research and education in aerosol science in the UK and globally. Students in the first cohort have been receiving training to become aerosol scientists and are about to start placements around the UK. For details about the program, see [www.aerosol-cdt.ac.uk](http://www.aerosol-cdt.ac.uk).

For more information on the Aerosol Society and its activities, visit [www.aerosol-soc.com](http://www.aerosol-soc.com).