

CROSS-INDUSTRY ORGANIZATIONS

The Aerosol Society: DDL2019—Celebrating 30 years of the Drug Delivery to the Lungs Conference

This year, 2019, marks the 30th anniversary of the Drug Delivery to the Lungs (DDL) Conference, which will be held December 11-13, 2019 at the Edinburgh International Conference Centre (EICC). Widely recognized as one of the leading conferences and exhibitions dedicated to pulmonary and nasal drug delivery, DDL2019 will offer a rich, three-day scientific lecture program, an array of carefully selected keynote presentations, a poster exhibition and industry exhibitor demonstrations.

The attendance at DDL2019 is likely to again surpass all expectations, with an anticipated record-breaking 850 attendees and 110 industry exhibitors from around the world.

Awards to be presented

The Pat Burnell Young Investigator Award, an accolade named after one of the founders of the DDL Conference, will again be hosted as a stand-out session at DDL2019. Now in its 10th year, this award recognizes Pat's vision that DDL encourages young researchers to showcase their work. Finalists for the prestigious award will be given the opportunity to present and be judged on both an oral lecture and their scientific poster submission.

In addition, there will be a session dedicated to past winners of the Pat Burnell Young Investigator Competition. Presenters will discuss how their careers have progressed since receiving the award and the

impact the award has had on them both professionally and personally.

For the third year, DDL will award the Emerging Scientist title to a researcher who may work in academia, industry, the public sector or other scientific establishment. The winner of this award will have demonstrated significant accomplishments or innovation in inhalation science within 15 years from achieving their PhD.

The winner of the Pat Burnell Award, the 2019 DDL Emerging Scientist, the best academic poster and the best industry poster will be announced during the Awards Ceremony and Gala Dinner hosted on December 12 for all attendees.

DDL has always aimed to be an inclusive event and, recently, students have been able to attend the conference free of charge. This year will be no exception, as the DDL Committee will extend the same courtesy, providing the next generation of aerosol and drug delivery researchers with the excellent opportunity to engage with world-renowned scientists, promote their own work, and gain experience attending a large and influential conference. Students who wish to attend DDL2019 must register online to confirm their place.

Scientific themes and lectures

At DDL2019, the program of scientific lectures will look straight to the future, exploring major themes of our times, such as “The Future of the Planet—Pollution and the

Environment,” with particulate matter air pollution being arguably the most significant environmental hazard to human health.

In their lectures, scientists, academics, clinicians and industry experts will delve into the challenges and opportunities of inhaled drug delivery, addressing the complexity of providing optimal patient-specific drug delivery and



the latest developments in precision and personalized medicine, as well as the latest biopharma trends and the future of technology, formulations and devices.

The annual DDL lecture will be given by Dr. Anthony J. Hickey, a distinguished RTI Fellow at the Research Triangle Institute and Director of the UNC Catalyst for Rare Diseases of the Eshelman School of Pharmacy. Dr. Hickey will present a lecture titled, “Why we need to deliver large amounts of powder to the lungs and the concurrent challenges.”

The Aerosol Society focus meetings

Aerosol science is at the core of a broad range of research disciplines and industries, extending from medical research and inhaled drug delivery, to combustion science, synthesis of new materials, climate change, and the delivery of agricultural and consumer products. Advancing the knowledge of airborne particles for more than 30 years, the Aerosol Society continues to deliver its series of focus meetings.

The Combustion Aerosol Conference 2019 was co-presented in June with the Cambridge Particle Meeting and set within the historic University of Cambridge. Focuses for the conference were fundamentals of particle formation, combustors and engine technology, emissions and emission measurement, and regulation and regulated emissions. Talks were complemented by a scientific poster and industry exhibition, and 100 delegates attended over three days.

A new center for doctoral training

Earlier this year, a consortium of the UK’s leading researchers in aerosol science 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 catalyze the synergies that exist across the discipline for new solutions to today’s research challenges, aiming to transform the landscape of research and education in aerosol science in the UK and, indeed, globally.

For more information

Join us in December to celebrate 30 years of the Drug Delivery to the Lungs Conference! And for more information on the Aerosol Society and its events, visit www.aerosol-soc.com

To read an article or download a pdf on the origins of the DDL Conference, please visit the following link on the *Inhalation* website and open the “Aerosol Society” drop-down menu: <https://www.inhalationmag.com/updates-cross-industry-organizations>