

# CROSS-INDUSTRY ORGANIZATIONS

## The Aerosol Society: DDL27 and additional events

### Evolution of Drug Delivery to the Lungs

Drug Delivery to the Lungs (DDL) was established in 1989 as a subcommittee of the Aerosol Society by a group of experienced respiratory scientists who had a passion to expand and share their knowledge and enthusiasm. Its mission is to provide a vehicle for the advancement of respiratory science and to share recent developments in inhalation therapy in a friendly and informal environment. When the first DDL meeting was organized in 1989, it was held in the lecture theatre at Glaxo Group Research. That event turned out to be so popular, there was standing room only.

Since the first meeting, DDL has also grown in stature and importance to cover all aspects of respiratory delivery from early research through pharmacology, pre-clinical, chemistry manufacturing and controls (CMC), and regulatory as well as industrialization and commercialization. Today DDL is recognized as one of the major European conferences in respiratory drug delivery and a key international meeting for the rest of the world. The conference attracts a range of attendees from scientists, academics, clinicians, regulators and industrial experts specializing in all aspects of developing medicines for inhalation.

DDL is a not-for-profit conference and any surpluses are reinvested into research and training of the next generation of aerosol and drug delivery scientists. DDL also aims to be affordable for students and academic researchers as well as scientists from all levels of industry. This gives everyone the opportunity to publish and present their work, visit exhibitors' stands and hold discussions with a wide variety of experts in the field.

### Plans for DDL27

This year, the DDL conference will run from 11:00 AM on Wednesday, December 7 to 1:00 PM on Friday, December 9. It will once again be held in the award-winning Edinburgh International Conference Centre (EICC) in Edinburgh, Scotland, United Kingdom. Expansion of the EICC, which was completed in 2013, allows DDL attendees to benefit from the increased space and improved facilities, not least by enabling the lectures, exhibitors and the poster stands to be closely located. The improved facilities, which first became available for DDL24, also enhance the networking opportunities for presenters, exhibitors and attendees, for which the conference is already well renowned.

The themes for this year are:

- Inhalers — Were they really meant for humans?
- Beyond asthma and COPD
- 60 years of the pMDI
- Innovations in aerosol delivery

These themes will include presentations from a variety of invited world experts in these subjects as well as relevant presentations selected by the organizing committee from those submitted.

The conference will also include the DDL lecture, which will be presented by Dr. Stephen P. Newman, who will discuss the challenge of delivering inhaled drugs to the lungs. The extremely popular Pat Burnell Award will be presented again in 2016. This award provides an opportunity for a young researcher to present work as a poster and on the podium. It is awarded by the DDL organizing committee to the best research from a junior researcher. This award, along with those for the best academic and

industrial poster, will be presented at an evening reception. For further information on DDL27, please visit [www.ddl-conference.com](http://www.ddl-conference.com).

### Aims of the Aerosol Society

The Aerosol Society has been in existence for 30 years. It is a scientific, non-profit organization aimed at supporting the study of airborne particles. Its membership of more than 600 scientists is drawn from academia, government bodies and industry. Members' interests are numerous and include climate and atmospheric modeling, nanotechnology, development of inhaled therapies and air pollution. A committee of volunteers promotes all scientific branches of aerosol research through the Aerosol Society website, monthly newsletter and regular events.

One of the Society's primary aims is the encouragement and support of early career scientists. The society annually invests thousands of pounds in studentships, travel and research awards. It has launched a series of grants, awards and scholarships, for which more than £20,000 in annual funding is available for young scientists. This year, the Aerosol Society offered scholarships to fund undergraduate student summer research internships.

### Additional events for 2016

The Society also organizes numerous events for both members and non-members. Its annual Fundamentals of Aerosol Science Course provides invaluable interdisciplinary training for scientists new to aerosol science. This year, it will be held at the University of Birmingham on November 9 and will precede the Annual Aerosol Science Conference on November 10. The theme of that conference will be "Aerosol—from

Formation to Exposure.” Delegates will share their knowledge through keynote presentations, poster exhibitions and industry exhibitor demonstrations. The conference will also include the annual general meeting of the Aerosol Society.

The Society also holds more-specialized focus meetings and conferences throughout the year on topics such as aerosols in the atmosphere, and aerosols in combustion and energy. The last focus meeting, “Recent Advances in Aerosol Measurement Technology,” was held in April 2016 at the Royal Institution of Great Britain and attracted plenary speakers from the United States and global delegate attendance. The next focus meeting, “The Atmospheric Ice Nucleation Conference” will be held in Leeds, UK, January 16-17, 2017.

With the continued support of our members, event attendees and sponsors, the Aerosol Society is able to support and encourage the UK and Irish aerosol scientists of the future. For further information regarding the Society and its events, please visit [www.aerosol-soc.com](http://www.aerosol-soc.com).