

CROSS-INDUSTRY Organizations

Drug Delivery to the Lungs: Highlights of DDL2022 and a look at DDL2023

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Highlights of DDL2022

Presented Wednesday through Friday, December 7-9, 2022, the 33rd Drug Delivery to the Lungs (DDL) Conference welcomed more than 900 delegates in person at the Edinburgh International Conference Centre (EICC) in Edinburgh, United Kingdom, with an additional 150 virtual attendees joining online.

A Wednesday morning pre-conference workshop was presented by The Academy of Pharmaceutical Sciences. Titled “Nasal Biopharmaceutics: Fit for current and future drug delivery needs?”, it attracted nearly 200 delegates.

Notable achievements. Congratulations were extended to Andrew Martin, University of Alberta, who was awarded the DDL2022 Emerging Scientist title. He opened the conference on Thursday morning with his talk on “Predicative models for respiratory drug delivery.” Andrew was presented with check for £1,000 and a commemorative award. The winner of the DDL2022 Pat Burnell New Investigator Award was Marie Trenkel, Kiel University. Her presentation on “Nasal powder delivery—Characterization of the influence of excipients on drug absorption” won her the acclaimed prize.

Obtaining conference content. All abstracts and presentations from DDL2022 can be found on the DDL website: <https://ddl-conference.com>.

Looking forward to DDL2023

DDL2023 will be delivered live at the Edinburgh International Conference Centre (EICC), and virtually for those unable to travel, on Wednesday through Friday December 6-8, 2023.

Now in its 34th year, the Drug Delivery to the Lungs Conference will again look to showcase the latest research in the area of inhaled drug delivery. Alongside the talks, exhibition and posters, there will be the usual convivial hospitality and networking opportunities for which the conference is renowned.

DDL2023 provides a balance of coverage across key areas of aerosol science and the development of inhaled medicines, e.g., CMC, clinical and device development to appeal to both academia and industry, with a single conference stream, which means no difficult decisions as to which presentation to attend.

This year, the prestigious DDL Annual Lecture will be presented by Daniela Traini, professor in respiratory science at Macquarie University and The Woolcock Institute of Medical Research (Australia). This accolade is bestowed on individuals who have made innovative and impactful contributions to the science of inhaled drug delivery.

DDL2023 themes

The conference program will focus on the following themes:

Lung health. Preventing, diagnosing and treating lung disease throughout life. Perspectives from patients, healthcare professionals and the pharmaceutical industry. New treatments, innovative diagnostics, immunophysiological insights into lung disease and patient-centered clinical outcomes.

Emerging therapeutics. New opportunities for aerosol medicine based on transformative pharmaceutical technologies and the development of biologic drugs and advanced therapies. Insights into formulation design and clinical development of new modalities, including nucleic acid and cell therapies.

Digital technologies. Computing platforms (health informatics), connectivity, software, and sensors with applications in the design and use of inhaled medicines and delivery devices.

Novel formulations and process technology. New concepts in formulation science and the fabrication of aerosol medicines. A focus on novel tools, device components, new process technology and manufacturing methods.

Supporting new talent

DDL is proud to recognize and encourage new talent through our awards and activities:

The Pat Burnell Young Investigator Competition. Named in honor of one of the founders of the Aerosol Society, short-listed applicants for this prestigious award will have the opportunity to deliver a live presentation at DDL2023, with the winner being announced during the conference.

The DDL Emerging Scientist Award. Entries are encouraged from researchers across the globe working in academia, industry, public service or other scientific establishments. The winner of this award will have demonstrated significant scientific accomplishment or innovation during the early stages of their career in inhalation science (within 15 years from achieving their PhD). The winner will be announced and give a keynote presentation at the conference describing their research achievements.

The DDL Career Development Grant. This flexible grant is intended to support new and emerging scientists by funding projects that contribute to a scientist's career development. The grant can support individuals from public, private and university organizations.

The New Researcher Network (NRN). Following their successful launch in 2018, the conference will once again host onsite networking events organized by the Network. The aim of the NRN is to develop a broad community of early career scientists and facilitate discussion surrounding research ideas/challenges, exchanges, joint projects and personal and professional development. New and early career researchers from both academia and industry, as well as PhD students, are encouraged to participate in the NRN, which has expanded to include a networking LinkedIn group.

Complimentary student registration

Registration costs will continue to be held at a level that enables attendance across the breadth of industry, with attendance from academia actively encouraged, to facilitate cross fertilization of knowledge across the sector.

Students will continue to enjoy complimentary registration, providing the next generation of aerosol and drug delivery researchers an extraordinary opportunity to engage with world-renowned scientists from across the aerosol and respiratory delivery field, to promote their own work and gain experience participating in a premier conference in their research field.

Thanks to our sponsors

As a "not for profit" organization, we would like to extend thanks to our valued conference sponsors, without whom we would not be able to bring you the great value, high quality DDL conference experience.

For more information

For details about DDL2023 as well as previous DDL conferences, please visit our website: <https://ddl-conference.com>.