

SAVE THE DATE



## WORKSHOP

### Practical Methods for Inhalation Toxicology:

State-of-the-Art In Vitro Inhalation Techniques for Liquid and Dry Powder Aerosols at the Air-Liquid Interface

Thursday | June 26, 2025 | 09:00–17:00

Friday | June 27, 2025 | 09:00–12:00

Save the date, and join us for an state-of-the-art workshop exploring some of the most advanced methods in in vitro inhalation research. The program covers sessions on lung cell culture preparation and practical training with advanced exposure systems, including lung-on-chip technologies.

This event is particularly interesting but not limited to researchers working in the field of pharmaceutical and environmental in vitro inhalation. For the laboratory sessions, demonstrations with either hands-on or observer opportunities will be offered.

The workshop will be held right after the Congress of the International Society for Aerosols in Medicine (ISAM), near Washington, D.C. Spaces are limited and will be allocated on a first-come, first-served basis.

We look forward to welcoming you in June!

**Your IIVS-VITROCELL-AlveoliX Team**

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### The workshop will cover the following subjects:

#### DAY 1

- Overview: Cell Culture models and PCLS
- Introduction to exposure at ALI using Cloud and Dry Powder Systems
- Cell Culture Preparation in the Lab
- PCLS Preparation in the Lab
- Cloud Exposure on ALI cultivated cells and PCLS in the Lab
- Nebulizer Selection Guide & Sample Preparation Advice
- Dry Powder Exposure in the Lab

#### DAY 2

- Introduction on Lung-on-chip Exposure
- Lung-on-chip Exposure Demo in the Lab
- Introduction to Good In Vitro Method Practices (GIVIMP)

**A detailed agenda will follow at the end of January 2025.**

### LOCATION

Institute for In Vitro Sciences - IIVS

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