



# 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

# INVITATION

## Overview & Location

We are pleased to invite you to our 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.

### Thursday | June 26, 2025

|             |                  |
|-------------|------------------|
| 09:00–17:00 | Workshop at IIVS |
| 18:30       | Joint dinner     |

### Friday | June 27, 2025

|             |                  |
|-------------|------------------|
| 09:00–12:00 | Workshop at IIVS |
| 12:00       | Lunch            |

**Hands-on package:**  
950,00 USD\*

including workshop  
material, coffee breaks,  
lunch & dinner

**Observer package:**  
550, 00 USD\*

including coffee breaks,  
lunch & dinner

\* discount for academics / regulators / non-profits of 20%

The workshop will be held right after the [ISAM](#) conference.  
Spaces are limited and will be allocated on a first-come, first-served basis.

**Registration Deadline: April 30, 2025**

### REGISTRATION LINK



### **Hotel recommendation:**

[DoubleTree by Hilton](#), [Holiday Inn](#), [Hampton Inn](#), [Marriott Courtyard](#), [Marriott at Washingtonian Center](#)

Reservations are to be booked individually by the participants.

## LOCATION

### Institute for In Vitro Sciences - IIVS

30 West Watkins Mill Road  
Suite 100  
Gaithersburg, MD 20878

Phone: 301-947-6523  
Fax: 301-947-6538



## Draft Agenda: Thursday | June 26, 2025

9:00 Get Together

09:00–09:30 Welcome, Overview & Lab Tour

*PhD Holger P. Behrsing | IIVS  
Director – Respiratory Toxicology  
Dr. Vivek Patel | IIVS  
Study Director, Respiratory Toxicology*

09:30–10:00 Overview: Cell Culture models and PCLS

*PhD Holger P. Behrsing | IIVS  
Director – Respiratory Toxicology*

10:00–10:30 Introduction to exposure at ALI using Cloud and Dry Powder Systems

*Dr. Paul Schumacher | VITROCELL  
Product Group Manager Cloud Systems*

10:00–11:00 Coffee Break

11:00–12:30 Cell Culture Preparation in Lab

*Dr. Vivek Patel | IIVS  
Study Director, Respiratory Toxicology*

12:30–13:30 Lunch

13:30–14:15 PCLS Preparation in Lab

*PhD Holger P. Behrsing | IIVS  
Director – Respiratory Toxicology*

14:15–15:15 Cloud Exposure on ALI cultivated cells and PCLS in Lab

*Dr. Paul Schumacher | VITROCELL  
Product Group Manager Cloud Systems*

15:15–15:45 Coffee Break

15:45–16:15 Nebulizer Selection Guide & Sample Preparation Advice

*Dr. Paul Schumacher | VITROCELL  
Product Group Manager Cloud Systems*

16:15–17:00 Dry Powder Exposure in Lab

*Dr. Paul Schumacher | VITROCELL  
Product Group Manager Cloud Systems*

18:30 Joint Dinner

## Draft Agenda: Friday | June 27, 2025

09:00–09:45 Introduction on Lung-on-chip Exposure *Pauline Zamprogno | AlveoliX Product Manager*

09:45–10:30 Lung-on-chip Exposure Demo in Lab *Pauline Zamprogno | AlveoliX Product Manager*

10:30–11:00 Coffee Break

11:00–11:45 Introduction to Good In Vitro Method Practices (GIVIMP) *Amanda K. Ulrey | IIVS President*

11:45–12:00 Farewell *IIVS | VITROCELL | AlveoliX*

12:00 Lunch

