

### Symposium 3

#### Advanced *in vitro* models for inhalation toxicity testing (co-sponsored by the In Vitro Toxicology Society)

Continuing the lung theme from symposium session 2 this session will look at all the latest *in vitro* models available for examining lung effects of chemicals and drugs.

Title	Speaker	Institution
<i>In vitro</i> systems to study the toxicology of particles and drugs at the epithelial lung tissue barrier	Prof Barbara Rothen-Rutishauser	Adolphe Merkle Institute Université de Fribourg Switzerland
Synthetic lung lining fluid model for testing inhaled biopharmaceuticals	Dr Ben Forbes	University College London
Complex organ-on-chip technology meets routine laboratory work. A breathing human alveolus-on-chip model for <i>in-vitro</i> drug transport and safety studies	Dr Nina Hobi	Alveolix, Switzerland
Use of air-liquid interface models in the pharma space	Dr Kinga Balogh-Sivars	Discovery Safety, Drug Safety and Metabolism, IMED Biotech Unit, AstraZeneca, Gothenburg, Sweden