

Meeting programme

Session 1 (online)

2 – 5pm, 21st September 2023

2.00 – 2.10	Welcome and Introductions – <i>Prof Salman Siddiqui</i>
Challenge 1	
2.10 – 2.25	“How do type 2 immune and stromal cell interactions predicate airway tissue and physiological dysfunction in asthma (as an exemplar multi-scale problem)?” <i>Prof Salman Siddiqui, Imperial College London</i>
2.25 – 2.40	“Deriving insight into airway remodelling in asthma via mechanistic and machine learning models” <i>Prof Bindi Brook, University of Nottingham</i>
2.40 – 2.55	“Quantifying spatial interactions of type 2 immune and stromal cells in tissue in asthma” <i>Prof Clare Lloyd, Imperial College London</i>
2.55 – 3.15	Explore Challenge 1 <i>Discussion</i>
3.15 – 3.30	Comfort break
Challenge 2	
3.30 – 3.45	“How does regional lung disease in CF impact the response to inhaled therapeutics and how can this information be used to design clinical trials?” <i>Prof Alex Horsley, University of Manchester</i>
3.45 – 4.00	“Modelling aerosol deposition in the human lung in health and disease” <i>Prof Chantal Darquenne, University of California San Diego</i>
4.00 – 4.15	“In vivo determinations of aerosol science: targeting therapeutic aerosols in asthma and COPD” <i>Prof Omar Usmani, Imperial College London</i>
4.15 – 4.35	Explore Challenge 2 <i>Discussion</i>
4.35 – 5.00	Feedback, Summary and Close

Session 2 (in-person)

Room: SALC 10, Sherfield Building, Imperial College London

9.30 – 6pm, 26th September 2023

9.30 – 9.45	Arrivals and Coffee
9.45 – 9.55	Summary of Session 1 and Introductions to Session 2 <i>Prof Salman Siddiqui</i>
9.55 – 10.10	Patient priorities <i>Asthma and Lung UK</i>
10.10 – 10.50	Group discussion – emergent themes <i>chaired by Prof Alex Horsley</i>
10.50 – 11.10	Attendee Introductions
11.10 – 11.30	Refreshments
11.30 – 12.30	Breakout session 1 – Idea generation and prioritisation
12.30 – 13.30	Lunch break
13.30 – 14.30	Breakout session 2 – Research proposal planning
14.30 – 15.00	Feedback session <i>chaired by Dr Carl Whitfield</i>
15.00 – 15.15	Refreshment break
15.15 – 16.15	Breakout session 3 – Revision and refinement
16.15 – 16.45	Project pitches <i>chaired by Dr Carl Whitfield</i>
16.45 – 17.00	Summary and next steps – <i>Prof Bindi Brook</i>
17.00 – 18.00	Drinks reception