



**4th Biennial International Research Conference on Alpha-1 Antitrypsin
Beyond the Folding: Disease Progression and Therapeutic Options**

Scientific Program

Wednesday, April 3, 2019

Welcome

02:30pm – 02:35pm Adam Wanner (Alpha1 Foundation, USA)

Chairman's Remarks

02:35pm – 02:45pm Rob Stockley (University Hospitals Birmingham, United Kingdom)

Session 1: The Lung

02:45pm – 03:05pm Brian Hobbs (Brigham and Women's Hospital, USA)
Why is disease penetration so variable? Role of Genetic modifiers

03:05pm – 03:25pm Discussion

03:25pm – 03:45pm Alice Turner (University of Birmingham, United Kingdom)
Why is disease penetration so variable? Environmental factors

03:45pm – 04:05pm Discussion

04:05pm – 04:25pm Charlie Strange (Medical University of South Carolina, USA)
Should all patients with established COPD be treated with augmentation therapy?

04:25pm – 04:45pm Discussion

04:45pm – 05:05pm Coffee Break

05:05pm – 05:25pm Omar Usmani (Imperial College London, United Kingdom)
Feasibility of aerosol alpha-1 antitrypsin as an alternative approach

05:25pm – 05:45pm Discussion

05:45pm – 06:05pm Liz Sapey (University of Birmingham, United Kingdom)
Neutrophil modulation

06:05pm – 06:25pm Discussion

Thursday, April 4, 2019

Session 1: The Lung

- 08:00am – 08:20am Sabina Janciauskiene (Hannover Medical School, Germany)
The beneficial effect of Antioxidants
- 08:20am – 08:40am Discussion
- 08:40am – 09:00am Gerry McElvaney (Royal College of Surgeons in Ireland, Ireland)
Anti-cytokines as a strategy
- 09:00am – 09:20am Discussion
- 09:20am – 09:40am Rob Stockley (University Hospitals Birmingham, United Kingdom)
Anti-proteases. Which one/s?
- 09:40am – 10:00am Discussion
- 10:00am – 10:20am Coffee Break
- 10:20am – 10:40am Frank Scirba (University of Pittsburgh School of Medicine, USA)
Surgical and bronchoscopic interventions
- 10:40am – 11:00am Discussion

Session 2: The Liver

- 11:00am – 11:20am Graeme Alexander (University College London, United Kingdom)
The pathophysiology and monitoring of Cirrhosis
- 11:20am – 11:40am Discussion
- 11:40am – 12:00pm Pavel Strnad (University Hospital Aachen, Germany)
Fibroscans in AATD as a monitoring tool
- 12:00pm – 12:20pm Discussion
- 12:20pm – 2:00pm Lunch
- 02:00pm – 02:20pm Rick Sifers (Baylor College of Medicine, USA)
Liver regrowth
- 02:20pm – 02:40pm Discussion
- 02:40pm – 03:00pm Marion Bouche-careith (INSERM U1053 BaRITon, France)
Why do some patients do badly?

03:00pm – 03:20pm

Discussion

03:20pm – 03:40pm

Pro: Jeffrey Teckman (Saint Louis University, USA)

Con: William Balch (Scripps Research, USA)

Gene silencing is more appropriate than small molecules

03:40pm – 04:00pm

Discussion

04:00pm – 04:20pm

Coffee Break

Closing Remarks

04:20pm – 04:25pm

Adam Wanner (Alpha1 Foundation, USA)