

CONGRESS2019

Symposium 5

Cambridge Alliance on Medicines Safety (CAMS)

Chairs: Dr M Coen, AZ/Imperial & Dr J Piner, CAMS

CAMS is a partnership between GSK, AstraZeneca, the MRC Toxicology Unit and the University of Cambridge, with the objective of improving the predictive accuracy of future experimental safety studies and driving innovative partnerships between scientists and physicians. Currently this alliance is focused around three key themes: Human-relevant mechanisms of toxicity- encompassing innovative humanised, in vitro systems and safety assessment of new therapeutic modalities such as gene therapy and precise genome engineering, Bioinformatic analyses- combining experimental data with clinical safety data to influence the computational design of molecules and the development of algorithms to translate organ toxicities from experimental systems to humans, and Safety monitoring in early clinical trials and clinical studies of translational safety biomarkers. This symposium will introduce the alliance and present key themes and areas of interest to the congress attendees.

| Title | Speaker | Institution |
|--|----------------|-----------------------------|
| Modelling and Systems Toxicology | Dr A Bender | <i>Cambridge University</i> |
| Human-relevant mechanisms of toxicity | Dr M Fellows | <i>AstraZeneca</i> |
| Safety monitoring in early clinical trials and clinical studies of translational safety biomarkers (tbc) | tbc | |