



# Royal College of Physicians

## **Professor Sam Janes Biography**

Sam won an MRC Training Fellowship to perform a PhD and then a post-doctoral period working in the CRUK Lincoln's Inn Fields Institute with Fiona Watt working on integrin adhesion molecules and cancer cell survival. He then moved as an MRC Clinician Scientist to UCL leading a group interested in the role of stem cells in lung cancer pathogenesis and treatment of lung disease using cell therapies. He was awarded a Wellcome Trust Senior Clinical Fellowship in October 2010 to work on novel cell therapies for lung cancers resulting in a DPFS first-in-man award and recently won his Wellcome Senior Fellowship renewal to study the genetic and cellular changes lung cancer pathogenesis. The ambition is that from this knowledge he can develop therapies detecting and targeting early lung cancers and thereby dramatically improve outcomes. He works as a respiratory consultant at UCLH with a particular interest in Lung Cancer, mesothelioma, interventional and diagnostic bronchoscopy and early lung cancer detection. He is Head of Respiratory Research Department at UCL, director of the Lung Cancer Board for London Cancer, lead for Pulmonary at the International Society of Cellular Therapies and Vice-Chair of the National 'Clinical Expert Group' on Lung Cancer.

## **Presentation Summary**

The landscape of biological understanding, novel therapeutics and advances in early detection of lung cancer is unrecognisable from even 5 years ago. This lecture will update the audience on the recent rapid advances and highlight the areas of imminent and inevitable change.