

Symposium 2

Respiratory toxicity and lung pathology (co-sponsored by the British Society for Toxicological Pathology)

Air pollution has received a lot of media and political attention over the last few years, particularly in respect of deaths associated with diesel fuel use. Now other popular fuels such as wood used in wood burning stoves are coming under scrutiny. Furthermore, new materials including nanofibers and particles have the potential to cause lung injury and the similarity between some nanofibers and asbestos fibres has been noted. This session will examine the latest research and evidence for lung injury from environmental sources and the technology used for assessing lung injury.

Title	Speaker	Institution
Respiratory system - response to toxic injury	TBC	
Nanoparticle and fibre respiratory toxicology	Dr. Rodger Duffin	MRC Fellow/Senior Lecturer, Edinburgh University
Adverse health effects of air pollution	Professor Frank Kelly	Kings College, London
Lung imaging – techniques and applications	Kev Dhaliwal	EPSRC Proteus Group