



Peter Sterk, MD, PhD is professor at the Dept of Respiratory Medicine of the Academic Medical Centre of the University of Amsterdam. He was trained as a clinical physiologist and became holder of the Netherlands Asthma Foundation Chair at Leiden University in 1996. In 2007 he received a Strategic Chair on Pathophysiology and Phenotyping of Asthma and COPD at the University of Amsterdam. He is heading the research program on Inflammatory Airways Diseases. This includes translational studies in the diagnosis, monitoring and therapy of asthma and COPD, in collaboration with (inter)national networks. This includes human proof of concept studies, such as experimental exacerbations by rhinovirus infection, together with long-term cohort studies in child- and adulthood. An integrative approach prevails, in which the dynamics of airway function is coupled to molecular profiles within the airways (e.g. by transcriptomics and breatheomics). This is now following a 'systems medicine' strategy, which is essentially the modern variant of clinical physiology.

As Associate Dean he is presently chairing the Graduate School of Medical Sciences of the Academic Medical Centre. From 2003-2008 he was chief editor of the European Respiratory Journal. Currently, he is coordinator of the Innovative Medicines Initiative (IMI) project U-BIOPRED funded by EU and EFPIA. In 2005 he received the Sadoul Award for his scientific career by the European Respiratory Society and in 2010 he delivered the Karolinska Institute Medical Science Award Lecture.