



Speaker Biography

Philippe-Jorens

Academic titles and qualifications

Philippe Jorens obtained his MD degree at the University of Antwerp (UA) in 1987. He performed his PhD-research at UA and at the Cardiovascular Research, UCSF, San Francisco, USA on the alveolar macrophage as pivotal regulator of the immunological homeostasis. He obtained his PhD degree in 1993 (Title: Nitric oxide and interleukin-8: two mediators released by pulmonary macrophages). After obtaining his recognition as specialist in internal and critical care medicine, he oriented his research interests towards the inflammatory reaction in acute lung injury and neurological disorders. Currently he is chairman of the department of critical medicine of the Antwerp University Hospital (UZA) and full professor (ZAP in critical care medicine and pharmacology) at the UA.

Research interests

The main interests of his research group are the underlying physiopathology and inflammatory reaction in acute organ failure i.e. the lung and the central nervous system; by combining studies (1) in vitro in advanced cell culture models and (2) in vivo in validated animal and human models (looking at immunology, pharmacology and pharmacokinetics in sepsis, acute lung injury and neurological emergencies). The research group has also been successful in the realization of well designed, adequately powered, investigator-initiated clinical studies, which is a guarantee for also successfully obtaining relevant patient data and human samples.