



# DIDIER PAYEN DE LA GARANDERIE

## ABOUT ME

University professor of Anesthesiology & Critical Care  
Past Chairman of the Department of Anesthesiology & Critical Care, at Lariboisière Hospital



### University Degrees

1999

Professor of Anesthesiology & Critical Care at McGill University

1997

Promoted at the exceptional class

1989

Title of Medicine Professor

1988

Ph D thesis at University Pierre & Marie Curie in 1988 in Physiology

Certified in Internal Medicine, Nephrology and Medical Intensive Care

Board certified in Anesthesiology-Surgical Critical Care.

1982

Medical degree obtained at the University of Nantes School of Medicine



### Themes of research

- Hemodynamics
- Microcirculation
- Inflammation, immunology and metabolism
- Host response to infection

## Awards

SMART Scientific Committee for the contribution to **Critical Care** research in 2016

ESICM for the contribution in October 2018. Principal or co-investigator for clinical trials regarding sepsis and/or activated protein C including: ADDRESS (2003–2004) and ACCESS (2007–2012), French principal investigator for the international PROWESS-SHOCK (2007–2011)

PI for Polymyxin hemoperfusion use in septic shock (2013–2015)

PI for inhaled NO in ARDS (1994–1997).

**President of the National Critical Care Committee** of French society of **Anesthesiology** and **CCare** (1998–99)

**Co-founder of the ESCIM** in 1982 ; treasurer of the ESCIM (1997–2001).

## General facts – Publications

More than **400 peer reviewed articles** published (Intensive care Med, Anesthesiology; New England J Medicine; Nature Review of Immunology; J Clin Investigation, Crit care Medicine; PNAS; **Blood; Chest; Circulation, Sc Reports**,... Factor H 54. Reviewers and/or Editorial **Board members** for the main **clinical and basic science journals** (AJRCCM, CCM, CCare, Chest, JAMA, Shock, J Clin Investigation, and The Lancet; Sc Reports.

## Research Activities

**Development in Ultrasound technologies** (Echocardiography and Doppler for peripheral vessels and cardiac output monitoring; pathophysiology of **systemic hypertension** focused on arterial mechanics; experimental septic shock models with systemic and regional **hemodynamics and immune response**; biology and cellular aspects of inflammatory cells, genomics and proteomics of **inflammatory response**; immune cell function and characterization demonstrating post-aggressive innate immunity immunodepression and the **relation between inflammation and metabolism**.