

BIOGRAPHICAL SKETCH

John J. Marini, M.D. Professor of Medicine, University of Minnesota (USA).

Presently Dr. Marini is a member of numerous editorial boards, an author and editor of 11 medical textbooks, and contributor to more than 350 scientific and educational articles. "*Critical Care Medicine—The Essentials*", a text that has been translated into 5 languages, is now in its 5th edition (2019). His investigative work has always concentrated in understanding the cardiopulmonary physiology and management of acute respiratory failure, with an emphasis on patient-ventilator interactions which occur during critical illness. In the majority of that research, he has been positioned at the interface between basic physiology and clinical medicine so as to develop mechanistic insights that advance clinical practice. Refining our understanding of ventilator-induced lung injury is a theme he currently pursues with collaborators at the bench, laboratory, and clinical levels.