

Prof. Michel H. Bourguignon, MD, PhD

Professor Bourguignon is a Medical Doctor specialist in Nuclear Medicine and has a PhD in Nuclear Physics. He is a University Professor of Biophysics and Nuclear Medicine (PUPH) at the Faculty of medicine Simone Veil of the University of Paris Saclay (UVSQ). He is also a counselor to the Director General of the French Institute of Radiation Protection and Nuclear Safety (IRSN). His main research interest for the last 20 years is the individual response to ionizing radiation and its mechanisms.

After three years post-doc at Johns Hopkins in Baltimore (USA) Michel Bourguignon spent the first part of his career (1981-1996) in the department of medical research of the French Atomic Commission (CEA). Since 1996, Michel Bourguignon has been dedicated to nuclear safety and radiation protection as the Medical Director of the French Office of Protection against Ionizing Radiations (OPRI 1996-2002), as a Deputy Director General of the French Directorate for Nuclear Safety and Radiation Protection (DGSNR 2002-2006) and then as a Commissioner with the French Nuclear Safety Authority (ASN 2006-2014). He had the responsibility of the transposition of EURATOM directives 96/29 and 97/43 regarding radiation protection into the French legislation and regulations. He has conducted the initial realization and the updates of the French radiation protection guides of justification and optimization in radiology, nuclear medicine, radiation therapy and dental art. Michel Bourguignon has completed one term with ICRP Committee 3 (2013-2017) and has chaired a working party on the individual response to ionizing radiation. He is a member of the Scientific and Technical Committee of the EURATOM Treaty, member of the French Society of Radiation Protection, Editor in Chief of *Radioprotection* (the French journal of radiological protection) since January 2017. He was the secretary of the French society of nuclear medicine (1990-1994) and the European Society of Nuclear medicine (1995-2001) and member of the French delegation to UNSCEAR (1996-2014) [he was a consultant of UNSCEAR for the document "Effects of ionizing radiations on the immune system" published in 2006],

