

Weekly seminar of the Service of Endocrinology, Diabetology and Metabolism (EDM)

Tuesday, May 31st 2016, 17h00-18h00

Auditoire Jequier Doge, Bâtiment de liaison PMU-CHUV, BL-08

Prof. Masayuki Yamamoto, MD, PhD

Division of Medical Biochemistry, Tohoku University, Japan

“The NRF2 Antioxidant Response System in Biology and Medicine”

Host: Dr. Gerasimos Sykiotis, EDM Service

Professor Masayuki Yamamoto is presently Professor at the Department of Medical Biochemistry, Tohoku University Graduate School of Medicine. He also serves as an Executive Director of the Tohoku Medical Megabank Organization at Tohoku University since 2012. He graduated from Tohoku University School of Medicine in 1979 and from Tohoku University Graduate School of Medicine in 1983. From 1983, he was a postdoctoral fellow at Northwestern University with Professor Douglas Engel, and in collaboration identified the GATA family of transcription factors, which are now one of the prototype transcription factor families regulating lineage commitment and cell differentiation. In 1995, Yamamoto became a Professor at University of Tsukuba and started a series of studies on NF-E2 and MAF family of transcription factors. He identified the KEAP1-NRF2 pathway regulating the cellular response against oxidative stresses. Since 2007, he has returned to Tohoku University and has been addressing many questions related to the KEAP1-NRF2 regulatory pathway.